Samsung FREEFORM® 4

S C H - R 3 9 0

M O B I L E P H O N E

User Manual
Please read this manual before operating your phone and keep it for future reference.

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Section 1: Getting Started

This section explains how to start using your phone by activating your service, setting up your Voicemail, or getting an understanding of how this manual is put together.

Understanding this User Manual

The chapters of this guide generally follow the same order as the menus and sub-menus in your phone. A robust index for quick reference to most features begins on page 15.

Also included is important safety information that you should know before using your phone. Most of this information is near the back of the guide, beginning on page 82.

Notes and Tips

Throughout this guide there is text that is set apart from the rest. These are intended to point out important information, quick methods for activating features, to define terms, and more. The definitions for these methods are as follows:

- **Notes**: Explain alternative options within the current feature, menu, or sub-menu.
- **Tips**: Provide quick or innovative methods for performing functions related to the subject at hand.
- **Important**: Points out important information about the current feature that could affect performance, or even damage your phone.

Text Conventions

This manual provides condensed information about how to use your phone. To make this possible, the following terms and icon display in place of repeatedly-used procedural steps:

highlight Use the **Navigation Key** ( ) to move a highlighting effect onto a menu item or screen item of interest.

select After "highlighting" a menu item or screen item, press the **Center Select Key** ( ) to launch, access, or save a highlighted menu item or screen field of interest.

➔ Used in place of “select” in long “drill down” procedure steps.

Example: “...**Settings ➔ Call Settings ➔ Auto Retry**...”

Battery

Your phone is powered by a rechargeable, standard Li-Ion battery. A USB cable and Charging Head are included with the phone, for charging the battery.

Note: The battery comes only partially charged.
To prevent damaging the battery, fully charge it before using your phone for the first time. (For more information, refer to *“Charging the Battery”* on page 7.)

Warning! Use only Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. Using other accessories may invalidate your warranty and may cause damage.

Battery Cover

The battery is under a removable cover on the back of the phone.

Removing the battery cover

- Slip your fingernail in the slot and lift up on the cover. Continue to lift the cover away in as illustrated in the diagram.

Installing the battery cover

- Align the cover and slide it into place, making sure it snaps securely at all four corners.

Installing the Battery

1. Remove the battery cover. For more information, see *"Removing the battery cover"* on page 5
2. Insert the top end of the battery into the phone housing, aligning the gold contacts on the battery with the gold contacts in the phone. Push down on the bottom of the battery down until it snaps into place.

3. Install the battery cover.

Removing the Battery

1. Remove the battery cover. For more information, see *"Removing the battery cover"* on page 5
2. Lift the battery up by the slot provided.

3. Lift the battery up and out of the phone.

Charging the Battery

Your phone comes with a USB cable and charging head to rapidly charge your phone from any 120/220 VAC outlet.

Note: The battery comes partially charged. You must fully charge the battery before first use. A fully discharged battery requires up to 4 hours of charge time. After the first charge, you can use the phone while charging.

1. Connect the USB cable to the charging head.

2. Insert the USB cable into the port at the base of the device.

3. Plug the charging head into a standard AC power outlet.
4. When charging is complete, unplug the charging head from the power outlet and remove the USB cable from the phone.

Battery indicator

The **battery indicator** ( ) in the upper-right corner of the display indicates power level. Monitor the battery strength and ensure your battery is adequately charged.

- Five bars ( ) indicate a full charge.
- An empty battery icon ( ) indicates a near empty battery.
- A blinking empty battery icon ( ) and a tone sounding indicate you have two to three minutes before the battery is too low to operate the phone.

If you continue to operate the phone without charging, the phone will power off.

Important! If your handset has a touch screen display, please note that a touch screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty. (see *"Warranty Information"* on page 105).

Activating Your Phone

Contact your Wireless Provider and follow their instructions for obtaining service, if necessary. We suggest that you read this guide to fully understand the services your phone supports.

Turning Your Phone On

- Press and hold **End** ( ) until the display lights.

Note: As with any other radio-transmitting device, do not touch the antenna while using your phone as this can affect call quality and can cause the phone to operate at a higher power level than is necessary.

Turn Your Phone Off

- Press and hold **End** ( ) for two or more seconds. Your phone powers off.

Voicemail

Setting Up Your Voicemail

Voicemail allows callers to leave voice messages, which can be retrieved any time.

Note: Once your Voicemail account has been set up, you can use the **Voicemail** folder (under the **Messages** menu) to view details of voice messages in your Voicemail box.

1. In standby mode, press and hold 1 or dial your own mobile number to dial Voicemail.
2. Follow the prompts in the new user tutorial to setup your mail box.

Listen to Voicemail

1. In standby mode, press and hold 1 or dial your own mobile number to dial Voicemail. After connecting, you will hear your voice greeting.
2. You are prompted to enter your password.

Memory Card

Your phone supports optional, removable microSD™ memory cards of up to 32GB capacity (included). You can store music, pictures, and other files on a memory card.

Installing a Memory Card

1. Pull the memory card cover out and turn it to expose the card slot.

2. Push the memory card into the slot until it locks into place.

Removing a Memory Card

1. Pull the memory card cover out and flip it up to expose the memory card in the card slot.
2. Press on the memory card to release the lock, then remove the card.

Formatting

Formatting erases all content from the memory card and prepares it for use with your phone.

Formatting a Memory Card using Your Phone

1. In standby mode, press **Menu** ( ) ➔ **Settings** ➔ **Memory** ➔ **Card Memory** ➔ **Format Card** and press **OK** ( ).
2. At the prompt, select **Yes**, then press **OK** ( ).

Formatting a Memory Card using Your PC

For best playback of songs stored on a microSD™ memory card, use the PC file system FAT32. For more information about using a PC to format memory cards, consult your PC and/or memory card reader documentation.

Section 2: Understanding Your Phone

This section outlines some key features of your Samsung phone. It also describes the screen format.

Your Phone's Features

- Domestic and international voice and text messaging service (available on participating networks).
- Large 2.4 inch (diagonally) color screen (320 x 240 pixel resolution)
- High speed data (CDMA 2000 1x Technology)
- Bluetooth® Wireless Technology (see Note)
- Global Positioning System (GPS) Technology
- Digital Assistant Tools
- QWERTY Keypad
- Text (SMS), Picture/Video (MMS), Email, Commercial Mobile Alerting System (CMAS), and Social Network (Facebook, and Twitter) Messaging
- Built-in 2.0 Megapixel Digital Camera
- Voice Dial
- Music Player (requires an optional Memory Card)
- Memory Card Slot (microSD™ and microSDHC™ up to 32 GB)

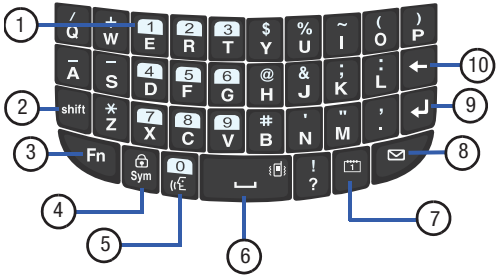
Note: The R390 supports the wireless headset, hands-free, A2DP, phonebook access, file transfer, and object push profiles for Bluetooth® wireless technology.

Front View of Your Phone

Features

1. **Earpiece**: Allows you to hear callers and alerts.
2. **Display**: Displays information to operate your phone.
3. **Left Soft Key**: Press to access the MESSAGING menu.
4. **Send Key**: Press to place or receive a call. Press in standby mode to launch the Recent Calls list.
5. **Speakerphone Key**: Press and hold to turn Speakerphone mode On and Off.
6. **Center Select Key**: Press to select the command displayed at the center of the bottom line of the display.
7. **Back Key**: In a text entry field, press to delete characters. In menu mode, press to return to a previous screen or menu.
8. **End/Power Key**: Ends a call. When navigating, press to return to the Home screen. Press and hold to power the phone On or Off. When you receive an incoming call, press to send the call to Voicemail.
9. **Right Soft Key**: Press to access Contacts.
10. **Navigation Key**: From standby mode, press up to access Multimedia, down to access the Browser, left to access the Calendar, and right to access Voice commands.

Keypad



Features

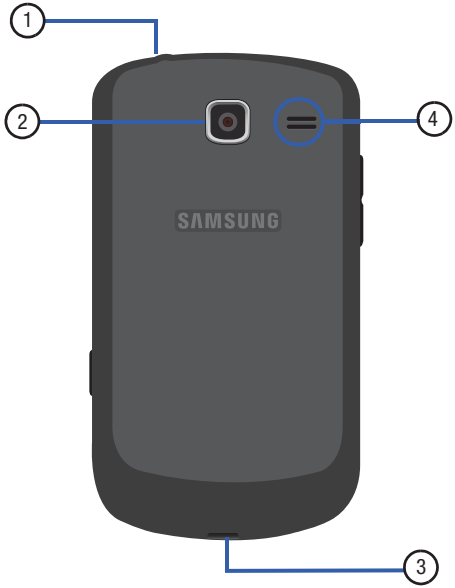
1. **Voicemail Key**: In standby mode, press and hold to dial voicemail.
2. **Shift Key**: Toggles capitalization for text input. Capitalization remains as selected until you press the Shift key again.
3. **Fn Key**: Toggles the text input mode to let you use the QWERTY keypad to enter numbers and symbols as well as letters.
4. **Sym/Lock Key**: When entering text, press to launch a Symbols screen for selecting symbols. From standby mode, press and hold this key to lock the keypad.
5. **Voice Commands Key**: From standby mode, press and hold to launch Voice SVC. (For more information, refer to *"Voice Commands"* on page 24.)
6. **Space/Vibrate Mode Key**: Lets you enter spaces between words and characters. In standby mode, press and hold to activate Vibrate mode.
7. **Calendar Key**: Launches you phone's Calendar tool.
8. **Messaging Key**: Launches the **MESSAGING** menu.
9. **Enter Key**: Press to move the insertion point to the next line in a message.
10. **BACK Key**: In text entry mode, deletes characters from the display. In menu mode, returns you to the previous menu or screen.

Side Views of Your Phone

Features

1. **Volume Key**: In standby mode, lets you adjust the System Volume. When receiving a call, lets you temporarily mute the ringer.
2. **microSD (Memory Card) Slot**: Lets you install and remove optional microSD Memory Card for additional image/photo storage and for music storage.
3. **Camera Key**: From standby mode, press and hold to launch Camera. Lights the front display backlight and in Camera mode, takes pictures.

Rear View of Your Phone



Features

1. **Headset Connector**: Used to connect an optional headset (for hands-free operation and/or music playback) or an optional TTY device.
2. **Camera Lens**: The lens of your built-in camera.
3. **Power/USB Connector**: Used to connect charging accessories or optional USB Data cable to your phone.
4. **Speaker**: Reproduces music and other sounds played by your phone.

Command Keys

Left Soft Key

Some functions of the **Left Soft Key** ( ) are as follows:

- In standby mode, press the **Left Soft Key** to open the **Messaging** screen.
- When entering text, press the **Left Soft Key** to select an entry mode. (For more information, refer to *"Entering Text"* on page 30.

Right Soft Key

Some functions of the **Right Soft Key** ( ) are as follows:

- From the standby mode, press the **Right Soft Key** open your **CONTACTS LIST**.

- When the **Right Soft Key** function displays **Options**, press to choose options for the current item.

Center Select Key

Some functions of the **Center Select Key** ( ) are:

- In a list, press the **Center Select Key** to view, select, launch, or play a highlighted item.
- In a menu, press the **Center Select Key** to accept the highlighted selection.
- In camera mode, press the **Center Select Key** to take a photo.
- In Standby mode, select myHomeScreen.

Send Key

The **Send Key** ( ) is used to answer calls, dial calls, and to recall the last number(s) dialed, received, or missed.

- When receiving a call, press the **Send Key** once to answer the call.
- In standby mode, enter a number and press the **Send Key** to make a call.
- In standby mode, press the **Send Key** to display the **ALL CALLS** list.
- Press the **Send Key** twice in standby mode to call the most recent number.
- With two active calls, press the **Send Key** to pick up a waiting call. Press the **Send Key** again to switch back to the original call.

Speakerphone Key

Volume Key

Use the **Volume Key** ( ) to adjust volume:

- In standby mode, press the **Volume Key** to adjust Master Volume.
- In standby mode, press and hold the **Volume Key** down to activate Sounds Off.
- During calls, press the **Volume Key** to adjust voice volume.
- During music playback, press the **Volume Key** to adjust audio volume.
- Press the **Volume Key** to mute the ringtone of an incoming call.

BACK Key

The **Back Key** ( ) is used to return to a previous menu or screen. In some screens, you can also use the key to erase or clear numbers, text, or symbols from the display.

- Press the **Back Key** to back up one menu level.

Del Key

The **Delete Key** ( ) is used to erase or clear numbers, text, or symbols from the display.

- If you enter an incorrect character, briefly press to backspace (and delete) the character.
- To erase the entire sentence, press and hold .

End Key

- Press and hold the **End Key** ( ) to turn your phone on or off.
- Briefly press to disconnect a call.
- Press to return to standby mode from any menu, or to cancel the last input.

Camera Key

- In standby mode, press and hold the **Camera Key** ( ) located on the right side of your phone. When in camera mode, pressing the Camera Key takes a picture.

Shift Key

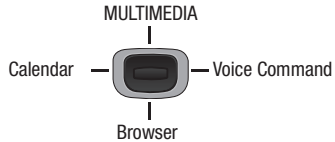
- When in a text entry field using abc mode, press the **Shift Key** ( ) to switch between Abc (initial case), ABC (upper case), and abc (lower case) modes. Press and hold the **Shift Key** ( ) to switch to T9 Word mode. (For more information, refer to *"Entering Text"* on page 30.)

Fn Key

- While in input mode, the **Fn (Function) Key** ( ) lets you toggle text input modes between **Abc** and **123/Sym**.

Navigation Key

In standby mode, press the **Navigation key** up, down, left, or right to launch the corresponding applications in the pattern shown here.



Menu Navigation

Access the menus and sub-menus in your phone using the **Navigation key**, **soft keys**, and **Menu Shortcuts**.

1. In standby mode, press **Left Soft Key** ( ). The Main Menu (the first of several menus) displays on the screen.
2. Use the **Up** or **Down Navigation** key to browse through the menus.

3. Press **Center Select Key** ( ) to enter the menu or sub-menu that displays on the screen.
4. Press to return to the previous menu.

Using Menu Shortcuts

Use menu shortcuts to quickly access menus and sub-menus. From a numbered menu, on the keypad, press the number to the left of the menu label to jump to the desired menu, sub-menu, or feature.

Example: To access the **Location** sub-menu: Press **Center Select Key** ( ) ➔ 9 V **Settings** ➔ 1 E for **Location**.

Spacebar/Silence Mode Key

- In standby mode, press and hold the **Spacebar/Silence Key** ( ) on the QWERTY keyboard to activate or deactivate Silence Mode.
- In a text entry field press the **Spacebar/Silence Key** to insert a space between character or words.

Calendar Key

- In standby mode, press the **Calendar Key** ( ) on the QWERTY keyboard to quickly open Calendar function.

Message Key

- In standby mode, press the **Message Key** ( ) on the QWERTY keyboard to quickly open the Messages menu.

Voice Command Key

- In standby mode, press and hold the **Voice Command Key** ( ) to activate the Voice recognition feature.

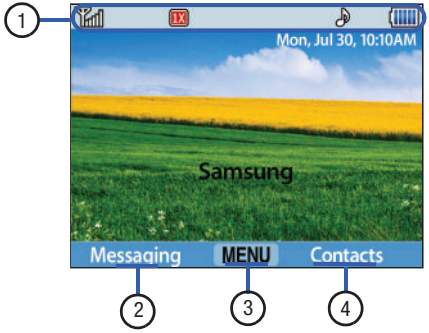
Speakerphone Key

- In standby mode, press and hold the **Speakerphone Key** ( ) to switch between the earpiece and the speakerphone, before or during a call.

Lock/Symbol Key

- In standby mode, press and hold the **Lock/Symbol Key** (Sym) to lock or unlock the keypad.
- When in a text entry field press the **Lock/Symbol Key** to enter symbols. Press the Navigation key left or right to scroll through the symbols.

Understanding the Display Screen



1. **Status Line**: The top line of your phone's display contains icons that indicate network status, battery power, signal strength, and more.
2. **Left Soft Key Function**: The bottom line of the display shows current soft key function.
3. **MENU key**: The sample screen shows that pressing the **Center Select Key** (**Menu**) displays the main **Menu**.
4. **Right Soft Key Functions**: The bottom line of the display shows current soft key functions. The sample screen shows that pressing the Right Soft Key (**Contacts**) will show the Contacts-**Find** screen.

Display Screen Icons

Your phone can show you definitions of the icons that display on the top line of the display.

To access the Icon Glossary:

- In standby mode, press **Menu** ( ) ➔ **Settings** ➔ **Phone Info** ➔ **Icon Glossary**. A list displays showing the icons that can display on the top line of the screen.

Dialog Boxes

Dialog boxes prompt for action, inform you of status, or warn of situations such as low battery. Dialog boxes and their definitions are outlined below.

- Choice
  - **Example:** "Save Message?"
- Reconfirm
  - **Example:** "Erase All Messages?"
- Performing
  - **Example:** "Sending..." "Connecting..."

- Completed
  - **Example:** “Message Saved”
- Information
  - **Example:** “New Message”
- Error
  - **Example:** “System Error!”
- Warning
  - **Example:** “Low Battery,” “Memory Full!”

Section 3: Call Functions

This section provides procedures for making and answering calls. This section also describes features, such as call logs and call timers, that help you make calls and manage your call time.

Making a Call

1. With the phone on, enter the number you wish to call using the keypad.
2. Press **Send** ( ) to place the call.

Emergency Numbers

1. If the mobile device is not on, switch it on.
2. Key in the emergency number for your present location (for example, 911 or other official emergency number).

   Emergency numbers vary by location.
3. Press **Send** ( ) to place the call.

Manual Pause Calling

To manually call a number with pause(s) without storing it in your Contacts list:

1. In standby mode, enter the number you wish to call.
2. Press **Options** ( ), the **Center Select Key** ( ) to select the desired option:
   - **Add 2-Sec Pause**: Adds a 2-second pause after which dialing resumes.
   - **Add Wait**: Adds a hard pause (waits for input from you).
   - **Add From Contact**: Select a number from the Contacts list.
   - **Add From Recent Call**: Select a number from the Recent Call list.
   - **New Text Msg**: Create a new Text message.
   - **New Picture Msg**: Create a new Picture message.
   - **New Video Msg**: Create a new Video message.
3. Press **Send** ( ) to call the number.

Tip: Press **Save** to store pauses along with the number if you plan to call the number frequently.

Dialing International Numbers

Manual Method

1. In standby mode, enter **011** (the three-digit exit code for the United States).
2. Enter the country code for the country to call.
3. Enter the phone number, then press **Send** ( ).

Note: Puerto Rico and Canada are on the North American dialing plan. Making calls to Puerto Rico and Canada is similar to making calls within the United States, no unique country codes are necessary.

Shortcut Method

1. In standby mode, press . A plus sign displays.

Note: When you press , your phone automatically replaces this **+** with 011, the three-digit exit code for the United States.

2. Enter the country code for the country to call..

Tip: If you place most or all of your international calls to numbers in the same country, set-up the International Dialing shortcut to dial that country's code for you. For more information, refer to *"Assigning a Speed Dial Location"* on page 23.

3. Enter the number to call, then press **Send** ( ).

Speed Dialing

Speed Dialing lets you place a call to any Contact stored in your Contacts list by dialing the Contact's Location number.

Create a Speed Dial Number:

Note: Some Speed Dials are reserved by default, and cannot be assigned: Speed Dial 1 is reserved for Voicemail. Speed Dial 211 is reserved for information about health and human services, 311 for non-emergency municipal services; 411 for directory assistance; 611 for customer service access; and 911 for emergencies.

There are one, two, and three digit speed dialing options. Examples of how to speed dial are illustrated in the following table.

To	Action
1-Touch Dialing: Speed dial the Contacts entry assigned to Location 5	Press and hold 5 F.
2-Touch Dialing: Speed dial the Contacts entry assigned to Location 35	Press 3 T; then press and hold 5 F.
3-Touch Dialing: Speed dial the Contacts entry assigned to Location 235	Press 2 R, press 3 T, then press and hold 5 F.

Assigning a Speed Dial Location

1. In standby mode, press **Menu** ( ) ➔ **Contacts** ➔ **Speed Dials**.
2. Select an Unassigned speed dial slot and press **SET** ( ).
3. Select a contact name to assign to this Speed Dial number, or enter the first few characters into the **Go To** field and press **OK** ( ).
4. Press **Yes** at the "**Set speed dial to contact?**" prompt to assign this number to the speed dial slot.

Removing a Speed Dial Location

1. In standby mode, press **Menu** ( ) ➔ **Contacts** ➔ **Speed Dials**.
2. Highlight the Speed Dial location to erase and press **Remove** ( ).
3. Press **Yes** at the "**Remove speed dial?**" prompt to remove the entry.

Answering a Call

- Press **Send** ( ) to answer an incoming call.

Note: To choose other options for answering calls, see *"Answer Options"* on page 75.

Sending Calls to Voicemail

Use one of these methods to ignore an incoming call and send it directly to voicemail:

- Press **Ignore** ( ) to send the call to voicemail.

Tip: To silence the ringer on an incoming call, press **Quiet** ( ), or press the down on the **Volume key** ( ).

Answering Call-Waiting Calls

When you receive a call while on a call:

- Press **Send** ( ) to place the first call on hold and answer the new call.
- Press **Send** ( ) again to return to the first call.

Call In-Progress Options

You can access menus and features during a call:

1. Press **Options** ( ) for these options.
   - **New Text Msg**: Create a new text message.
   - **Contact List**: Displays the Contact List.
   - **Recent Calls**: View Calls log.
   - **Send DTMF**: Send your phone number as DTMF tones to the other person on the call.
   - **Bluetooth**: Pair with a Bluetooth headset to use for this call.
   - **Memo Pad**: Take notes while on a call.
   - **Location**: Turn your GPS location or set GPS location for emergency calls only.
   - **Voice Privacy**: Select a voice privacy mode: Standard, or Enhanced.
2. Press **Mute/Unmute** ( ) to control whether the other caller can hear you.

Voice Commands

Voice Commands is advanced speech recognition software that recognizes your spoken commands to dial phone numbers, create messages, and launch phone features such as Contacts, Calendar and My Music.

To use Voice Commands, speak naturally into your phone, at a distance of 3-12 inches. There is no need to "train" Voice Commands, it is designed to recognize natural speech.

Tip: Press the Left Soft Key **Info** at any time to display helpful tips for using Voice Commands.

- In standby mode, press and hold **Voice Commands** ( ).

Note: At each step, Voice Commands displays a list of available commands.
If Voice Commands does not recognize your command, it prompts for confirmation.

The following is a list of functions that you can perform with Voice Commands:

- **Call <Name or #>**: Place a call to a saved contact, to a telephone number, or to voicemail.
- **Send <MSG Type>**: State a message type to compose and send to a contact. Ex: say "Send text message to Aaron".
- **Go To <Menu>**: Open any preloaded application.
- **Check <Item>**: View details about your phone's status.
- **Contacts <Name>**: Searches and displays a contact by name to call. Ex: say "Contacts Aaron".
- **Redial**: Redials the last number called.
- **Help**: Provides helpful information about voice commands.

Call <Name or Number>

Place a call by speaking a contact name or telephone number.

1. In standby mode, press and hold **Voice Commands** ( ). The audio prompt "**Please say a command**."sounds and the Voice Commands display.
2. Say "**Call**", followed by:
   - "< **A Contact Name**>", to call the default telephone number for a contact. Or, say "Call", followed by the type of number, Mobile 1, Home, or Business.
   - "<**Telephone Number**>" to dial phone number.
   - "**Voicemail**" to access voicemail.
   - "**Last number**" to dial the number from the most recent call record.
3. Follow the prompts to confirm your selection and place the call.

Send <MSG Type>

Create a new message by speaking the type of message and the recipient(s).

1. In standby mode, press and hold **Voice Commands** ( ). The audio prompt "**Please say a command**."sounds and the Voice Commands display.
2. Say "**Send <Text, Picture, or Video> Message to <contact name>**".
3. The new message opens, with the To: field populated with your selection(s). Continue creating the message.

Go To <Menu>

Access a menu item by speaking the menu's name.

1. In standby mode, press and hold **Voice Commands** ( ). The audio prompt "**Please say a command**."sounds and the Voice Commands display.

2. Say "**Go to**", followed by the name of a menu item, for example, "**Messaging**", "**Contacts**", "**Multimedia**", "**Tools**", or "**Settings**". The item opens.

Check <Item>

Access device information by speaking the command.

1. In standby mode, press and hold **Voice Commands** ( ). The audio prompt "**Please say a command**."sounds and the Voice Commands display.
2. Say "**Check**", followed by a command:
   - **Status**: Displays the Battery level, Data signal strength, missed messages and other information.
   - **Voicemail**: Opens the Voicemail screen.
   - **Messages**: Lists the status of all the message types including: New Voicemail, New TXT Messages, and New Picture Messages.
   - **Missed Calls**: Displays missed calls.
   - **Time**: Displays the current time and date.
   - **Signal Strength**: Displays and announces the current signal strength level.
   - **Battery Level**: Displays and announces the current battery level.
   - **Volume**: Displays the Master Volume status.
   - **My Number**: Displays the phone number assigned to this phone.

Contacts <Name>

1. In standby mode, press and hold **Voice Commands** (). The audio prompt "**Please say a command**."sounds and the Voice Commands display.
2. Say "**Contacts**", followed by a command:
   - **Call**: Followed by the contact name, dials the contact.
   - **Create New**: Displays the NEW CONTACT screen so you can create a new contact.
   - **Modify**: Say the name of the contact to modify. Displays the contact information to modify.
   - **Erase**: Say the name of the contact to erase.

Redial

1. In standby mode, press and hold **Voice Commands** ().
   The audio prompt "**Please say a command**" sounds and the Voice Commands display.

2. Say "**Redial**". The **CALLING** screen displays on the screen showing the Contact and/or number being redialed.

Help

1. In standby mode, press and hold **Voice Commands** ( ).
   The audio prompt "**Please say a command**" sounds and the Voice Commands display.
2. Say "**Help**". The **HELP** screen appears showing text that explains how to use Voice Commands.

Voice Commands Settings

Configure the Voice Commands feature of your phone.

1. In standby mode, press and hold **Voice Commands** ().
2. Press **Settings** and select a setting for customization:
   - **Confirm Choices**: When voice recognition is not confident it has recognized a name or number correctly, a list of up to three choices displays.
   - **Sensitivity**: Controls how voice recognition determines when a spoken word is a match. If you frequently experience the messages "Please repeat..." or "No Match Found," adjust the sensitivity.
   - **Adapt Voice**: Adapts to your voice so your commands are understood in your tone and voice pattern.
   - **Prompts**: Allows you to configure the Mode, Audio Playback, and Timeout values.
   - **Key Setting**: Select the method for launching Voice Commands.
     - Choose **Voice Key Only** to launch with the Voice Commands key.
     - Choose **Voice Key/EarMic** to launch with the Voice Commands key, OR with headset controls when you attach an optional headset.
   - **About**: View information about Voice Commands.

Accessing Calls

- In standby mode, press **Menu** ( ) ➔ **Calls** and select a call type.

  – or –

  In standby mode, press **Send** ( ) to view a list of ALL CALLS.

Making Calls Using Calls

1. In standby mode, press **Menu** ( ) ➔ **Calls** and locate a call from **All**, **Missed**, **Received**, or **Dialed** calls.

   – or –

   In standby mode, press **Send** ( ).
2. Highlight a call record, then press **Send** ( ).

Creating or Updating Contacts Using Calls

1. In standby mode, press **Menu** ( ) ➔ **Calls** and locate a call from **All**, **Missed**, **Received**, or **Dialed** calls.

   – or –

   In standby mode, press **Send** ( ).
2. Highlight a call record, then press **Options** ( ) ➔ **Save to Contacts**.
3. Use the Directional Keys to highlight **Add New Contact** or **Update Existing**, then press the **Center Select Key** ( ).
4. Continue entering contact information.

Deleting Call Records

1. In standby mode, press **Menu** ( ) ➔ **Calls** and locate a call from **All**, **Missed**, **Received**, or **Dialed** calls.

   – or –

   In standby mode, press **Send** ( ).
2. Highlight a call record, then press **Options** ( ) ➔ **Erase**.
3. At the **Erase entry?** prompt, highlight **Yes**, then press **OK** ( ).

Deleting All Call Records

1. In standby mode, press **Menu** ( ) ➔ **Calls** and locate a call from **All**, **Missed**, **Received**, or **Dialed** calls.

   – or –

   In standby mode, press **Send** ( ).
2. Highlight a call record, then press **Options** ( ) ➔ **Erase All**.
3. At the **Erase all?** prompt, highlight **Yes**, then press the **Center Select Key** ( ).

Viewing Call Timers

1. In standby mode, press **Menu** ( ) ➔ **Calls** ➔ **View Timers**.
2. The Timers for **Last Call, All Calls, Received Calls, Dialed Calls, Roaming Calls, Transmit Data, Received Data, Total Data, Last Reset, Lifetime Calls,** and **Lifetime Data Counter**.

Message Counter

- In standby mode, press **Menu** ( ) ➔ **Calls** ➔ **Message Counter**.

  Message counters display for Transmit Text Msg, Receive Text Msg, Transmit MMS msg, Received, MMS Msg, Received CMAS Msg, Last Reset, and Lifetime MSG Counter.

Note: You can reset all but the Lifetime Msg Counter.

Section 4: Entering Text

Entering Text

Your phone has a QWERTY keypad to support quick and easy text input. You can enter text as you would when using a computer keyboard.

The keys are labeled with a letter on the lower half and a number or symbol on the upper half. Press the key corresponding to the character you want to enter. Enter text by pressing the appropriate keys on the QWERTY keyboard.

Use these keys to enter special characters:

Backspace: Press to delete the previous character. Press and hold to delete the previous word.

Enter: Press to move to the next line of text.

Shift: Press to switch between **Abc** (initial case), **ABC** (upper case), and **abc** (lower case) modes. Press twice quickly to lock **ABC** mode, then press again to unlock.

Space: Press to insert a space.

Function: Press to cycle through text entry modes abc or 123/SYM.

Press Symbols to enter special characters. Use the Left or Right Navigation keys to scroll through symbols. Press ← to exit.

- **T9 WORD**: A predictive text entry mode that recognizes common words matching the sequence of your key presses and inserts the most common word into your text.
- **abc/Abc/ABC**: Abc mode is standard text entry mode for mobile telephones, and is the default text entry mode when using the external keypad.
- **123/Sym**: Press shift plus a number or symbol to enter a number or symbol in the text entry field.
- **Symbols**: Displays panels 1-3 from which to select symbols to enter into a text field.

Tip: Press **Prev** or **Next** to display and select from one of the three panels. Press the key for the number corresponding to a symbol to enter it.

- **Domain Extensions**: Places @, .com, .net, or .edu after text.

Section 5: Contacts

This section details how you can manage your daily contacts by storing their names and numbers in your Contacts list. You can have your Contacts entries sorted by name.

Accessing Contacts

- In standby mode, press **Menu** ( ) ➔ **Contacts** .

  – or –

  In standby mode, press **Contacts** ( ).

Finding a Contacts Entry

1. In standby mode, press **Contacts** ( ).

   – or –

   In standby mode, press **Menu** ( ) ➔ **Contacts** ➔ **Contact List**.

   The **CONTACT LIST** screen displays on the screen with the **Go To** field and the first Contacts entry highlighted.

2. Enter a name. As you enter letters, the closest match displays on the screen.

3. When the desired entry is listed on the screen, highlight the entry or use the navigation key to scroll through the contacts numbers and press **Send** ( ) to the selected dial the number.
   - Press **Edit** ( ) to add or change information for this entry.
   - Press **VIEW** ( ) to show information about this entry.
   - Press **Options** ( ) for additional options that may display on the screen.
     - **New Contact**: Add a new entry to Contacts.
     - **Erase**: Erase the selected Contact entry.
     - **New Text Msg**: Create and send a Text message to the selected Contact.
     - **New Picture Msg**: Create and send a Picture message to the selected Contact.
     - **New Video Msg**: Create and send a Video message to the selected Contact.
     - **Call**: Dial the number associated with the name.
     - **Manage Contacts**: Erase, Lock, or Unlock contacts.

– **Send Name Card Via Bluetooth**: Send a copy of a Contacts entry to another Bluetooth device.

Adding a New Contacts Entry

You can use either of two methods to add an entirely new entry to Contacts.

Dial Method

1. In standby mode, enter the number you want to add to the contacts list.
2. Press **Save** ( ) ➔ **Add New Contact**. The **ADD NEW CONTACT** screen displays.
3. Select the phone number type from the list and press **OK** ( ).
4. Enter a name to associate with the Contacts entry.
5. Press **SAVE** ( ) to save the new entry.

Menu Method

1. In standby mode, press **Menu** ( ) ➔ **Contacts** **New Contact** and press **OK**.

   The **NEW CONTACT** screen displays on the screen with the cursor in the **Name** field.
2. Enter the name of the new contact.
3. Press the Down Navigation key and enter information into the other desired fields for this contact.
4. Press **SAVE** ( ) to save the new entry.

Editing a Contacts Entry

1. In standby mode, press **Menu** ( ) ➔ **Contacts** ➔ **Contact List**.
2. Highlight a contact to edit and press **Edit** ( ). The **EDIT CONTACT** screen displays.
3. Highlight the information to edit and press to backspace and delete all the information, then enter the new information.
4. When you're finished changing the contents of a field, press **SAVE** ( ).

Saving a Number After a Call

Once you finish a call, you can store the caller's number to your Contacts list.

Note: If the call was incoming and Caller ID information was unavailable, then the **Save** option is also unavailable.

1. In standby mode, enter the number you want to add to the contacts list.

1. In standby mode, press **Menu** ( ) ➔ **Calls** ➔ **All** and press **OK**.
2. Highlight the call to save and press **Options** ➔ **Save to Contacts**.
3. Select one of these options then press **OK**:
   - **Add New Contact**: Lets you create a new Contacts entry. For more information, refer to *"Create a New Entry"* on page 34.
   - **Update Existing**: Lets you add the number you entered to an existing Contacts entry. For more information, refer to *"Add to an Existing Entry"* on page 34.

Create a New Entry

1. From the **Save** screen, select **Add New Contact**. The **ADD NEW CONTACT** screen displays on the screen.
2. Select the number type that matches your new entry.
3. Enter a name for the new entry.
4. Press **SAVE** to save the new entry to your Contacts list.

Add to an Existing Entry

1. From the **Save** screen, select **Update Existing**. The **UPDATE EXISTING** screen displays your Contacts list with the **Go To** field and the first Contacts entry highlighted.
2. Select the Contact entry for which you want to add the new number and press **OK** ( ). (For more information, refer to *"Finding a Contacts Entry"* on page 32.)
3. Highlight the information to change and press **OK** ( ).
4. Backspace and delete the information in the selected field, then enter the new information and press **SAVE** ( ).

Deleting a Contacts Entry

1. In standby mode, press **Menu** ( ) ➔ **Contacts** ➔ **Contact List**.
2. Enter characters in the **Go To** field (as you type entries that match display).
3. Highlight the Contact entry to delete and press **Options** ( ) ➔ **Erase**.

4. Highlight **Yes**, then press **OK** ( ) to erase the contact.

Manage Contacts

Using the Manage Contacts option, you can erase, lock, or unlock a contact record.

1. In standby mode, press **Menu** ( ) ➔ **Contacts** ➔ **Contact List**.
2. Press **Options** ➔ **Manage Contacts**.
3. Press **Erase**, **Lock**, or **Unlock**.
4. Highlight the contact(s) to erase, lock, or unlock and press **MARK** ( ) next to each contact name.
5. Press **Done** and press **OK** ( ) to confirm that you want to erase, lock, or unlock this contact.

Send Name Card via Bluetooth

You can send My Profile as a Name Card via Bluetooth to other Bluetooth devices.

1. In standby mode, press **Contacts** ( ).
2. Highlight the Contact entry (Name Card) and press **Options** ➔ **Send Name Card via Bluetooth**.
3. Press **MARK** ( ) next to each contact that you want to send a Name Card via Bluetooth and press **Done**.
4. If you have not added a device, highlight **Add New Device** and press **OK** ( ).
5. Place the device in which you are connecting to in Discoverable mode.
6. Highlight the device from the list and press **PAIR** ( ) once a device is added or available.
7. Highlight **Yes** and press **OK** ( ) when the **Do the device codes match? <code>** prompt displays. The Contact on the other device confirms the code as well.
8. Highlight **Always Ask** or **Always Connect** and press **OK** ( ) when the **Before connecting to <device name/#>** prompt displays.
9. Highlight **Yes**, and press **OK** at the **Connect to <device name/#>** prompt. The devices pair and the name card transfers to the paired device.

Groups

Groups let you easily send messages to multiple, selected Contacts. You can also use Groups to find Contact entries and to add/remove Contacts names in a Group or to create or rename a Group.

Viewing Groups

1. In standby mode, press **Menu** ( ) ➔ **Contacts** ➔ **Groups**.
2. Available groups display on the screen. These groups are available by default:
   - **Business**
   - **Colleague**
   - **Family**
   - **Friends**
3. Highlight a group, then press **VIEW** ( ) to display a list of group members.

Add a New Group

1. In standby mode, press **Menu** ( ) ➔ **Contacts** ➔ **Groups**. The **GROUPS** screen displays.
2. Press **New** ( ), enter a name for the new group, then press **SAVE**.

Add Contacts Entry to a Group

Using Add New/Edit Contact Option

To add a Contact to a Group using either the Add New Contact option or the Edit Contact option, do the following:

Using Add Contact Option

The Add option lets you add one or more existing Contacts to a Group.

1. In standby mode, press **Menu** ( ) ➔ **Contacts** ➔ **Groups**.
2. Highlight one of the groups then press **View** ( ) > **Add**.
3. Press **MARK** ( ) next to each contact that you want to add to this group, then press **Done** ( ).
   The contacts are added to this group.

Using Edit Contact Option

The Add option lets you edit an individual Contact and associate that contact with a group (add to the group).

1. In standby mode, press **Menu** ( ) ➔ **Contacts** ➔ **Contact List**.
2. Highlight the contact to add to a group and press **Edit** ( ). The **EDIT CONTACT** screen displays.

3. Highlight **Group** field and press **Edit**.
4. Highlight the group(s) you want to associate with this Contact and press **MARK** ( ). A check mark displays next to each group selected.
5. Press **Done** ➔ **SAVE**. The Contact information updates to reflect the group associations.

Rename a Group

The Rename option lets you change the name any of the Groups, except **No Group**.

1. In standby mode, press **Menu** ( ) ➔ **Contacts** ➔ **Groups**.
2. Highlight a Group to rename, then press **Options** ( ) ➔ **Rename**.

   The **RENAME GROUP** screen displays.
3. Enter a new name for this group and press **SAVE** ( ).

Remove a Contact from a Group

1. In standby mode, press **Menu** ( ) ➔ **Contacts** ➔ **Groups**.
2. Highlight the Group in which to remove a contact and press **VIEW** ( ).
3. Highlight the Contact to remove and press **EDIT** ( ).
4. Highlight the Contact to remove and press **UNMARK** ➔ **Done**.

Erase a Group

The **Erase** option lets you delete a Group, thus freeing you to reassign the Contacts formerly in the Group.

1. In standby mode, press **Menu** ( ) ➔ **Contacts** ➔ **Groups**.
2. Highlight the Group to delete, then press **Options** ( ) ➔ **Erase Group**.
3. Press **OK** ( ) at the **Erase group?** prompt.

Speed Dial

Speed Dials are 1-, 2- or 3-digit shortcuts you assign to contacts, to allow you to quickly call the contact.

For more information on creating and removing Speed Dial numbers, see *"Speed Dialing"* on page 22.

Memory Info

The **Memory Info** menu option lets you view the amount of memory you have used to store Contacts entries, as well as the memory remaining to store more Contacts entries.

- In standby mode, press **Menu** ( ) ➔ **Contacts** ➔ **Memory Info**.

  The **MEMORY INFO** screen displays the Total amount of memory, the memory Used and Free for Contacts entries.

Section 6: Messages

This section explains how to send or receive different types of messages. This section also describes the features and functionality associated with messaging.

Accessing Messages

There are three ways to access the messaging menu:

- In standby mode, press **Messaging**.

  – or –

  In standby mode, press the **Message Key** ( ) on the QWERTY keyboard.

Types of Messages

Your phone can send and receive:

- Text Messages
- Picture Messages
- Video Messages

Creating and Sending Text Messages

1. In standby mode, press **Messaging**.

   – or –

   Press **Menu** ( ) ➔ **Messaging** .

2. Press **New Message** ➔ **Text Message**.
3. Enter the phone number or e-mail address of the recipient or press **Add** ( ) to select recipients from:
   - **From Contacts**: Choose contacts from the Contacts List.
   - **Recent Calls**: Select a number from the RECENT CALLS list.
   - **Groups**: Choose a contacts Group.
4. Press the **OK** ( ). The **NEW TEXT MESSAGE:** screen displays. Enter the text content of your message using the keypad.
5. At any point while composing a message:
   - To change the text entry mode, press **abc** ( ) and select the desired text entry mode.
   - To complete the message text and set message send options, press **Options** ( ). The following options display on the screen:
   - **Add Quick Text**: Select a predefined (Quick Text) message from the list.
   - **Save As Draft**: Saves this message to the Draft folder.

- **Priority Level**: Sets the priority level for this message. Select **Urgent** or **Normal**.
- **Delivery Ack**: The Network informs you when a message is delivered.
- **Cancel Message**: Cancels creating this message.

6. Press **SEND** ( ) once you're finished entering your message.

Creating and Sending Picture Messages

Send Picture messages to recipients with a compatible phone or other device, and accompany a Picture message with a voice memo, ringtone, or downloaded melody.

Tip: You can send a Picture message to up to ten recipients. Enter each recipient's address or phone number in a separate **Send To** field of the Picture message composer.

1. In standby mode, press **Messaging**.
   – or –
   Press **Menu** ( ) ➔ **Messaging** .
2. Press **New Message** ➔ **Picture Message**.
3. Enter the phone number or e-mail address of the recipient using the keypad, or press **Add** ( ) to select recipients from:
   - **From Contacts**: Choose contacts from the Contacts List.
   - **Recent Calls**: Select a number from the RECENT CALLS list.
   - **Groups**: Choose a contacts Group.
   - **Online Album**: Adds a contact saved to your Online Album.
4. Enter text for this Picture message using the keypad.
5. Press **Picture**, press **Pictures** ( ) select a picture, then press **OK** ( ).
6. Press **Sounds**, select a sound to play and press **SET** to attach the sound to this message.
   – or –
   Select **Record New**, press **OK** ( ) to begin recording and press **STOP** ( ) to stop recording.
   - Press **SET** to select this recorded sound.
7. Enter a subject in the Subject field and press SEND ( ) or press **Options** to select one of the following:
   - **Preview**: To preview this message prior to sending.
   - **Save As Draft**: Saves this message to the Draft folder.

- **Add Quick Text**: Select a predefined (Quick Text) message from the list.
- **Add Slide**: Adds another slide to hold a picture for this message.
- **Priority Level**: Select the priority level of your message. Selections are: **Urgent**, **Normal**, or **Low**.
- **Delivery Ack**: The Network informs you when a message is delivered.
- **Cancel Message**: Cancels creating this message.

8. Press **SEND** to send the message.

Creating and Sending Video Messages

1. In standby mode, press **Messaging**.

   – or –

   Press **Menu** ( ) ➔ **Messaging** .
2. Press **New Message** ➔ **Video Message**.
3. Enter the phone number or e-mail address of the recipient using the keypad, or press **Add** ( ) to select recipients from:
   - **From Contacts**: Choose contacts from the Contacts List.
   - **Recent Calls**: Select a number from the RECENT CALLS list.
   - **Groups**: Choose a contacts Group.
   - **Online Album**: Adds a contact saved to your Online Album.
4. Enter text for this **Video** message using the keypad.
5. Press **Videos** and, press **Videos** ( ) select a video, then press **OK** ( ) to attach it to this message.
6. Enter a subject into the **Subject** field using the keypad.
7. Press **SEND** to send this message, or press **Options** and select one of the following:
   - **Preview**: To preview this message prior to sending.
   - **Save As Draft**: Saves this message to the Draft folder.
   - **Add Quick Text**: elect a predefined (Quick Text) message from the list.
   - **Priority Level**: Select the priority level of your message. Selections are: **Urgent**, **Normal**, or **Low**.
   - **Delivery Ack**: The Network informs you when a message is delivered.
   - **Cancel Message**: Cancels creating this message.
8. Press **SEND** to send the message.

Receiving Messages

When you receive a message in standby mode or in a call, the ringer sounds (unless turned off) and **New Message** displays on the screen. The date and time of the message also display on the screen along with the following options:

- **View Now**: Opens the message, where you have the option to **Reply**, **Reply w. Copy**, **Forward**, **Add To Contacts**, **Extract Addressses**, **Message Info**, **Message Inbox**, or **Sort by Sender**.
- **View Later**: Saves the message to your inbox, where you can view it later, then returns your phone to standby mode.

Messaging

The Messaging feature allows you to create a new message, or view messages of various types.

Your phone stores messages in any one of five message boxes. The subsections that follow describe each message box in detail.

Inbox

Received messages of all types (except Voicemail and Emergency Alerts) are stored in the **Inbox**.

Tip: In standby mode, select **View New** or **View Later**.

1. In standby mode, press **Messaging** ➔ **Inbox**.
2. Highlight the message to view, then press **OPEN** ( ) to view contents of the highlighted message.
3. While viewing your message, press **Erase** ( ) to erase the message, **Reply** ( ) to reply to this message, or **Options** ( ) to view these options:
   - **Reply w. Copy**: Compose and send a reply message to the originator of the received message and include a copy of the original message.
   - **Forward**: Send a copy of this message to another recipient.
   - **Add To Contacts**: Save the sender's number to your Contacts.
   - **Extract Addressses**: Extracts the address of the sender to call, message, or save to the Contacts list.
   - **Message Info**: Shows message delivery status, addressee, size, and more.
   - **Message Inbox**: Displays messages in the Inbox.
   - **Sort by Sender**: Sorts the Inbox messages by sender name.
   - **Erase**: Erases the received message.
   - **Save Quick Text**: Saves this message as Quick Text.
   - **Lock/Unlock**: Block/permit erasure of the message.

Messages and Lock Mode

Your phone can still receive messages while in Lock Mode. The time and date of the message display on the screen, but you cannot access the message until you enter the lock code.

Managing Inbox Messages

1. In standby mode, press **Messaging** ➔ **Inbox**. The **Inbox** displays on the screen showing a list of received messages.
2. Highlight a message in the list. The following options display:

Note: Not all Options are available for all message types.

- **Erase** ( ): Removes the highlighted message from the Inbox.
- **OPEN** ( ): To review the highlighted message.
- **Options** ( ). The following options display on the screen:
  - **Reply**: Compose and send a reply message to the originator of the received message.
  - **Reply w. Copy** (Text Messages Only): Compose and send a reply message to the originator of the received message and include a copy of the original message.
  - **Forward**: Send a copy of this message to another recipient.
  - **Add To Contacts**: Adds the originator's number from the received message to the Contacts list.
  - **Extract Addresses**: Extracts addresses from the received message and saves them to the Contacts list.
  - **Message Info**: Displays information about the Text, Picture, or Video message.
  - **Manage Inbox**: Erases, Locks, or Unlocks the selected message.
  - **Sort by Sender** / **Sort by Time**: Sorts the Inbox messages by Sender, or by Time (depending on the currently selected sorting method).

Managing Sent Messages

The Sentbox contains message that you have sent. From here you can view, forward, or resent messages.

1. In standby mode, press **Messaging** ➔ **Sent**. The **Sentbox** displays on the screen showing a list of sent messages.

2. Highlight a message in the list. The following options display:
   - **Erase** ( ): Removes the highlighted message from the Inbox.
   - **OPEN** ( ): To review the highlighted message.
   - **Options** ( ). The following options display on the screen:
     - **Forward**: Send a copy of this message to another recipient.
     - **Resend**: Resends the selected message.
     - **Add To Contacts**: Save the sender's number to your Contacts.
     - **Message Info**: Displays information about the Text, Picture, or Video message.
     - **Message Sent**: Erases, Locks, or Unlocks the selected Sent message.
     - **Sort by Recipient/Sort by Time**: Sorts the Inbox messages by Recipient, or by Time (depending on the currently selected sorting method).

Managing Draft Messages

Messages in the Draft Box are those that were composed but never sent. You can view, edit, or send a draft message.

1. In standby mode, press **Messaging** → **Drafts**. The **DRAFTS** screen displays a list of drafted messages.
2. Highlight a message in the list. The following options display:
   - **Erase** ( ): Removes the highlighted message from the Inbox.
   - **EDIT** ( ): To edit the selected message.
   - **Options** ( ). The following options display on the screen:
     - **Send**: Sends the draft message to the selected Recipient.
     - **Add To Contacts**: Saves the sender's number to your Contacts.
     - **Manage Drafts**: Erases, Locks, or Unlocks the selected Draft message.
     - **Sort by Recipient/Sort by Time**: Sorts the Draft messages by Recipient, or by Time (depending on the currently selected sorting method).

View and Edit Draft Messages

1. In standby mode, press **Messaging** → **Drafts**. A list of draft messages displays on the screen.
2. Highlight a text message that to view or edit, then press **EDIT** ( ). The **NEW <message type>** screen displays.

3. Enter or change the recipient's number and/or e-mail address and the message text using the keypad.
4. Press **Center Select Key** ( ) to move to the next field.
5. Change message Text, Subject, Picture, Sound, and/or Video as needed. For more information, refer to:
   - *"Creating and Sending Text Messages"* on page 39
   - *"Creating and Sending Picture Messages"* on page 40
   - *"Creating and Sending Video Messages"* on page 41
6. Press **SEND** to send the message.

Emergency Alerts

This device is designed to receive wireless emergency alerts from the Commercial Mobile Alerting System ("CMAS"; which may also be known as the Personal Localized Alerting Network ("PLAN")). If your wireless provider has chosen to participate in CMAS/PLAN, alerts are available while in the provider's coverage area. If you travel outside your provider's coverage area, wireless emergency alerts may not be available.

1. In standby mode, press **Messaging** ➔ **CMAS**. The **Emergency Alerts** folder displays a list of received CMAS messages.
2. Highlight a CMAS message and press **OPEN** ( ) to view the message.

Emergency Alert settings

Emergency Alerts allows customers to receive geographically targeted messages. Alert messages are provided by the US Department of Homeland Security and will alert customers of imminent threats to their safety within their area. There is no charge for receiving an Emergency Alert message.

There are three types of Emergency Alerts:

- Alerts issued by the President
- Alerts involving extreme or severe threats to safety of life and property
- AMBER Alerts (missing child alert)

Viewing Emergency Alerts

1. In standby mode, press **Messaging** ➔ **CMAS**. The **Emergency Alerts** folder displays a list of received **Emergency Alerts**.
2. Highlight a message and press **Open** ( ) to read the message.

Disabling Emergency Alert Messages

Customers may choose not to receive Imminent Threat and AMBER Alerts. Alerts issued by the President can not be disabled.

To disable Imminent Threat Alerts (Extreme and Severe) and AMBER Alerts, follow these instructions:

1. In standby mode, press **Messaging** ➔ **Settings** (▬).
2. Select **CMAS Alerts** ➔ **Receive Alerts**.
3. Highlight the alert to disable and press **UNMARK** (▬) to disable the alert.
4. Press **Done** to save the settings.

Emergency Alert Settings

1. In standby mode, press **Messaging**.
2. Press **Settings** (▬ ➔ **CMAS Alerts**.
3. Set the **Receive Alerts**. For more information, refer to *"Emergency Alert settings"* on page 45.
4. Select one of the following:
   - **Audio Alert**: Choose whether or not to play an audio alert when you receive a CMAS message.
   - **Alert Vibrate**: Choose whether or not to vibrate when you receive a CMAS message.
   - **Reminder**: Sound a tone or vibrate a specified number of times as a reminder until the CMAS message is viewed. Selections are: **Once**, **Every 2 minutes**, **Every 15 minutes**, or **Off**.

Voicemail

Messages in your voice mailbox are logged in the Voicemail box of the **Messaging** menu. Open the Voicemail box to view the details of the Voicemail message.

When an alert tone and new message icon displays this notification means you have a new voicemail message.

1. In standby mode, press **Messaging** ➔ **Voicemail**. A list of contacts who left voicemail displays.
2. Select one of the voicemail messages and press **CALL** (▬) to return the call.

Social Network Messages

Social Networking provides a single point for accessing online communities and content.

Before you can use this feature you must register this phone with your social network and activate the phone. Please follow the instructions for each social network account.

Registering and using Facebook.com

1. Launch the Browser and enter http://www.facebook.com/mobile and follow the instructions to activate or setup a Facebook mobile account.
2. In standby mode, press **Messaging** → **Social Networks** and press **OK** (●).
3. Highlight **Facebook** and press **OK** (●).
4. Select one of the following and press **OK** (●).
   - **Update Status**: Create a status message and post it.
   - **Upload Picture**: Select and upload a picture to your Facebook page.
   - **Go to Facebook**: Launches the Facebook Login page.

Registering and using Twitter.com

1. Launch the Browser and enter http://www.mobile.twitter.com and follow the instructions to Sign up or Sign in so you can send and receive tweets.
2. In standby mode, press **Messaging** → **Social Networks** and press **OK** (●).
3. Highlight **Twitter** and press **OK** (●).
4. Read the TWITTER HELP screen and press **OK** (●).
5. Select one of the following and press **OK** (●):
   - **Tweet**: Create a twitter message to post and post it.
   - **Go to Twitter**: Launches the Twitter Sign in page.

Message Settings

From this Settings menu you can configure all the message type settings.

1. In standby mode, press **Messaging** → **Settings** (▬), then select one of the following options:
   - **Message View Mode**: Sets the view mode for messages. Selections are: **Normal** or **Chat**.
   - **Entry Mode**: Choose the default method for entering text into messages.
   - **Auto Save Sent**: Choose whether your messages are saved automatically when you exit them. Selections: **On**, **Off**, or **Prompt**.
   - **Auto Erase Inbox**: Choose to receive or not to receive a warning message when you delete a message.
   - **Text Auto View**: Allows you to view the full content of a text message as the messages are received.
   - **Pic/Vid Download**: Activate or deactivate picture or video downloading.

- **Pic/Vid Reply**: Select the reply method for picture or video messages. Selections are: **Text Message**, **Picture Message**, or **Video Message**.
- **Quick Text**: Displays a selectable list of pre-composed text messages.
- **Voicemail #**: Displays the current shortcut code to dial voicemail. You can also change the shortcut code.
- **Callback #**: Choose or create a callback phone number to include with outgoing messages.
- **Signature**: Choose to include a text signature in outgoing messages.
- **CMAS Alerts**: Configures the Emergency Alert Receive Alerts, Audio Alert, Alert Vibrate, and Reminder.

Erase Messages

You can erase all of the messages in any or all of message boxes using one convenient sub-menu.

Note: This function erases all messages in the selected message box. To delete a single message, go to the respective message box, highlight the message, and press **Erase**. (For more information, refer to *"Managing Inbox Messages"* on page 43, *"Managing Sent Messages"* on page 43, or *"Managing Draft Messages"* on page 44.)

1. In standby mode, press **Messaging**.
2. Press **Options** and select one of the following options:
   - **Erase Inbox**: Deletes all unlocked messages stored in the Inbox.
   - **Erase Sent**: Deletes all the unlocked and stored Sent messages.
   - **Erase Drafts**: Deletes all unlocked messages stored in the Drafts box.
   - **Erase CMAS**: Deletes all the emergency alerts stored in this box.

- **Erase All**: Deletes all unlocked messages stored except Voicemail.

3. Select the message box containing the messages you want to delete and press the **Center Select Key** ( ). You're prompted to confirm the erasure of all messages in the selected box or in all boxes.
4. Highlight **Yes** and press **OK** ( ).

Section 7: Multimedia

Use your phone to take full color digital pictures, display them on your phone's vivid color display, and instantly share them with family and friends.

Accessing Multimedia

- In standby mode, press **Menu** ( ) ➔ **Multimedia** .

Camera

Taking Snap Shots

To take a single picture using the current camera settings, do the following:

1. In standby mode, press **Menu** ( ) ➔ **Multimedia** ➔ **Camera**.
2. Using the display as a viewfinder, point the camera at your subject and press **Camera Key** ( ) or the **Center Select Key** ( ). For more information, refer to *"Camera Options"* on page 51.

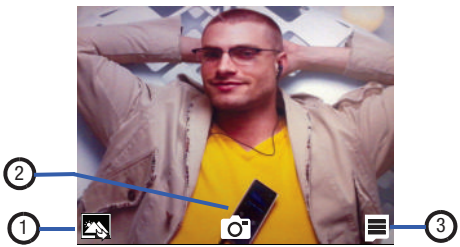
Point, Click, and Send Pictures

1. In standby mode, press **Menu** ( ) ➔ **Multimedia** ➔ **Camera**.
2. Press the **Center Select Key** ( ) to capture a photo.
3. Press the **Center Select Key** ( ) to send the message. The NEW PICTURE MESSAGE screen displays.
4. Enter the phone number or e-mail address of the recipient or press **Add** ( ) to select recipients from:
   - **From Contacts**: Choose contacts from the Contacts List.
   - **Recent Calls**: Choose numbers from Calls.
   - **Groups**: Choose a contacts Group.
   - **Online album**: Send a copy of the currently highlighted or displayed image to your Album on your Wireless Provider's server.
5. Press **OK** ( ).
6. Select other message fields and enter a message.

7. When you are finished composing the message, press **SEND** ( ) to send the Picture message to the intended recipient(s).

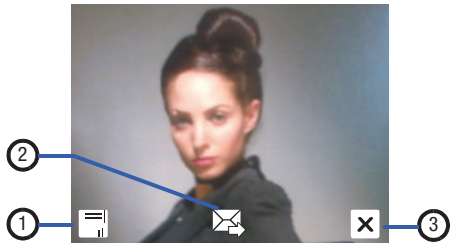
Camera Options

- In standby mode, press **Menu** ( ) ➔ **Multimedia** ➔ **Camera**. The following screen displays:



1. **My Images**: Displays the image gallery
2. **Camera**: Takes a picture.
3. **Options**: Displays Camera options menu.

After taking a picture, the following screen displays:



1. **Save**: Saves the image to the gallery.
2. **Send**: Sends this image in a Picture Message.
3. **Delete**: Deletes this image.

Camera Options Menu

These options display when you press the **Options** soft key:

	Toggles from Camera Mode to Camcorder mode.

Shooting Modes

- **Single Shot**: Takes one photo.
- **Series Shot**: Takes a series of pictures.
- **Mosaic Shot**: Combines from 4 to 9 shots into a single picture, depending upon which one of 18 available Mosaic layouts you select.

Resolution: Choose a resolution for new photos, from **1600x1200**, **1280x960**, **640x480**, or **320x240**.

Quality: Set image quality, from **SuperFine**, **Fine** or **Normal**.

White Balance: Choose a setting for the light source, from **Auto**, **Sunny**, **Cloudy**, **Tungsten**, or **Fluorescent**.

Night Shot: Select **On** to enable infrared light sensing for low light conditions, or **Off** to use available light.

Self Timer: Set a timer for a delay between pressing the Camera Key and the taking of the photo. Choose a timer of **Off**, **2 Sec**, **5 Sec**, or **10 Sec**.

Color Effect: Set the Camera to replace photo colors with **Normal** colors, **Black&White**, **Sepia**, **Negative**, **Green**, or **Aqua**.

Settings: Sets the values for the following:

- **Memory**: Set the Camera to save photos to **Phone** or **Card** memory.
- **Auto Save**: When set to **On**, automatically saves the photo. When set to **Off** does not automatically save the photo.
- **Metering**: Choose how the camera measures the light source: **Average**, **Center**, or **Spot**.
- **Icon Display**: Set the Camera to **Display All** icons, display a **Guideline** grid, or **No Icons**.

Settings: Sets the values for the following:

- **Shutter Sound**: Set the Camera's shutter sound to **Off**, **Shutter**, **OK**, or **DingDong**.
- **Reset Settings**: Reset all Camera settings to default values **No** or **Yes**.

My Images

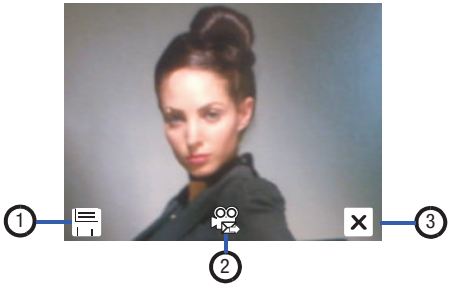
My Images lets you manage your photos and pictures you download, and lets you choose the pictures that display in your phone's display while in standby mode (wallpaper), and as image IDs for your contacts.

1. In standby mode, press **Menu** ( ) ➔ **Multimedia** ➔ **My Images**.
2. Highlight an image or photo.
   - Press **Camera** ( ) to take new photos.
   - Press **VIEW** ( ) to expand the highlighted image to fill the screen.
   - Press **Options** ( ) to display the following:
     - **Send**: Send the currently highlighted or displayed image as part of a Picture message, Via a Bluetooth connection, or To Facebook.
     - **Online album**: Uploads the selected image to your Online album.
     - **Set As**: Assign the currently highlighted or displayed image as the Main Wallpaper, Lock Screen Wallpaper, or as the Picture ID for a Contact.
     - **Erase Files**: Delete one or more marked images from the My Images folder.
     - **Move**: Relocate the currently highlighted or displayed image from phone memory to a Memory Card or from a Memory Card to phone memory.
     - **Rename**: Change the name of the picture file.
     - **Lock/Unlock**: Locks the image to prevent deletion or unlocks the image to allow deletion.
     - **View by Location**: Lets you view All images or only those images stored in Phone Memory or Card Memory.
     - **Slide Show**: View all of your images in sequence as a slide show.
     - **File Info**: View the Name, Date and Time created, Resolution, and Size of the currently highlighted or displayed image.

Camcorder

Recording a Video

1. In standby mode, press **Menu** ( ) ➔ **Multimedia** ➔ **Camcorder**.
2. Aim the viewfinder at the subject and press **Camcorder** ( ).
3. Press ( ) to stop recording, then press one of the following options:



1. **Save**: Saves the video to the gallery.
2. **Send**: Sends this video in a Video Message.
3. **Delete**: Deletes this video.

Video Options

These options display before recording a video:

My Videos: Displays the video gallery

Camcorder: Records a video.

Options: Displays Video options menu.

Video Options Menu

Toggles from Camcorder mode to Camera mode.

Sets the video size limit for MMS messages or Normal

Quality: Set image quality, from **SuperFine**, **Fine** or **Normal**.

Turns recording sound **On** or **Off**.

White Balance: Choose a setting for the light source, from **Auto**, **Sunny**, **Cloudy**, **Tungsten**, or **Fluorescent**.

Self Timer: Set a timer for a delay between pressing the Camcorder Key and recording the video. Choose a timer of **Off**, **2 Sec**, **5 Sec**, or **10 Sec**.

Color Effect: Set the Camera to replace photo colors with **Normal** colors, **Black&White**, **Sepia**, **Negative**, **Green**, or **Aqua**.

Settings:

- **Memory**: Set the Camera to save photos to **Phone** or **Card** memory.
- **Auto Save**: Set the Camera to automatically save (**On**) photos when taken or **Off**.
- **Icon Display**: Set the Camera to **Display All** icons, or display **No Icons**.
- **Start Sound**: Makes a sound when you press the **OK** key to begin recording. Sounds are: **Off**, **Look here**, or **1,2,3!**
- **End Sound**: Makes a sound when you press the **Stop** after recording a video. Sounds are: **Off**, **OK**, or **DingDong**.
- **Reset Settings**: Reset all Camcorder settings to default values (**No**) or (**Yes**).

My Videos

My Videos lets you record and view videos [3g2 and “mobile” MP4 (320 x 240 pixels maximum)] in the video gallery. You can also attach a video and send as a video message or you can send it to another Bluetooth enabled device.

1. In standby mode, press **Menu** ( ) ➔ **Multimedia** ➔ **My Videos**.
2. Press **Options** and select one of the following:
   - **Send**: Sends this video as a Video Message or to a Bluetooth-enabled device.
   - **Erase Files**: Select the files to erase (a check mark notes the files to erase), then press Done.

- **Move**: Relocate the currently highlighted or displayed video from phone memory to a Memory Card or from a Memory Card to phone memory.
- **View by Location**: Lets you view All videos or only those videos stored in Phone Memory or Card Memory.
- **Rename**: Renames the selected video file.
- **Lock**: Locks the video to prevent deletion.
- **Video Info**: Displays the Name, Date, Time, Resolution, Size, and Duration for this video.

The folloiwng video controls are available:

	Pauses the video.
	Start the video after being paused.s
	Press and hold to fast rewind the video. Tap to go to previous video.
	Press and hold to fast-forward the video. Tap to go to next video.
Full-screen	The entire screen is used, which may cause some minor distortion.

3. Press **Video** ( ), then use the Camcorder key to record a new video. For more information, refer to *"Recording a Video"* on page 54.
4. Press **PLAY** ( ) to play the selected video.

Music Player

Music Player lets you play MP3 and unprotected AAC, AAC+, WMA music files, loaded onto an optional microSD™ Memory Card using a personal computer. (For information on loading music files on a Memory Card, see *"Loading Music Files"* on page 58.)

Launching the Music Library Menu

Each time you launch the Library, it checks your phone memory, and optional memory card, for music files to update your music Library.

The music files are sorted into predetermined categories for quick access.

1. In standby mode, press **Menu** ( ) ➔ **Multimedia** ➔ **Music Player** ➔ **Library** (). The following options display on the screen:
   - **Now Playing**: Music Player mode only: Indicates number of music files currently playing. Press **Back** to return to the Music Player screen.

- **All Songs**: Lists all music files on the Memory Card.
- **Playlists**: Lists any playlists you have saved and lets you create, save, and manage playlists.
- **Artists**: Lists artist names for music files on the Memory Card.
- **Albums**: Lists album titles for music files on the Memory Card.

2. Select the desired option and press **VIEW** ( ). A list of music files displays on the screen.
3. Highlight a music file, then:
   - Press **Multi** ( ) to select the files for playing or other options.
   - Press **Play** ( ) to play the highlight music file.
   - Press **Options** ( ) to display the following options:
     - **Add To Playlist**: Lets you add a marked music file to an existing playlist.
     - **Erase**: Deletes highlighted or marked music file(s) from the Memory Card.
     - **Move To Phone**: Moves the selected song to the phone's memory.
     - **Song Info**: Lists the Title, Artist, Album, File Name, Size, Length, Bit rate, or Copyright.

Playing Music

1. In standby mode, press **Menu** ( ) ➔ **Multimedia** ➔ **Music Player** ➔ **Library** ( ).
2. Select the desired option and press **VIEW** ( ). A list of music files displays on the screen.
3. Highlight a music file and press **Play** ( ).

Music Player Controls

- **Volume Key**:
  - Press the Volume key Up to play a music file louder.
  - Press the Volume key Down to play a music file softer.
- **Navigation Key**:
  - Press the **Center Select Key** to pause/resume playing a music file.
  - Press the **Down** Navigation key to stop playing a music file.
  - Press the **Left** Navigation key to skip to an earlier music file in the selected list. Press and hold the **Left** Navigation key to rewind the currently playing music file.
  - Press the **Right** Navigation key to skip to a later music file in the selected list. Press and hold the **Right** Navigation key to forward the current playing music file.
  - Press the **Up** Navigation key once to shuffle the songs, twice to repeat one song, three times to repeat all songs once, shuffle and repeat all songs.

- **Library** soft key: Displays the **Library** screen.
- **Options** soft key: Displays the following sub-menus and options:
  - **Go to Home Screen**: Displays the Home screen with music playing in the background.
  - **Play Mode**: Select Normal, Shuffle, Repeat One, Repeat All, or Shuffle Repeat All.
  - **Add To Playlist**: Adds the song playing to the current playlist.
  - **Song Info**: Lists the Title, Artist, Album, File Name, Size, Length, Bit rate, or Copyright.
  - **Player Settings**: Sets the Skin (background) that displays when playing a song or displays Memory Info.

Loading Music Files

In addition to downloading music to your phone, you can also transfer ("sideload") music from a personal computer to the Memory Card in your phone.

1. Install a microSD™ or microSDHC™ Memory Card into your phone.
2. Turn on the phone.
3. Connect the microUSB end of the USB Data Cable to the power-accessory connector on your phone.
4. Check that the **PC Connection** setting is set to **USB Mass Storage**.
5. Connect the USB end of the USB Data Cable to a matching connector on your personal computer. A new "Removable Disk" window should open on your computer screen.
6. Select the **Open folder to view files** option. A new Windows® Explorer window should open on your computer screen.
7. Drag or download music (MP3/AAC/WMA) files into the "my_music" folder.

Note: You can also insert the Memory Card into a compatible card reader. Card readers vary, so follow the installation instructions included with your card reader and personal computer.

My Ringtones

My Ringtones lets you record voice memos and assign them or ringtones, melodies, or music files as ringtones for calls, alarms, and other alerts.

Recording Voice Memos

- In standby mode, press **Menu** ( ) ➔ **Multimedia** ➔ **My Ringtones**. The following options display on the screen:
  - **Record New**: Lets you record voice memos.
    - Press **OK** ( ) to start recording a voice memo.
    - Press **Pause** ( ) to pause/resume recording.
    - Press **STOP** ( ) to stop recording and save the voice memo.

Assigning Ringtones

1. In standby mode, press **Menu** ( ) ➔ **Multimedia** ➔ **My Ringtones**. The following options display on the screen:
2. Highlight a file and select one of the following:
   - Press **Set As** ( ) to assign the highlighted as a **Ringtone**, a **Contact ID**, or an **Alert Sounds**.
   - Press **PLAY** ( ) to playback the highlighted file.
   - Press **Options** ( ) the following options display on the screen:
     - **Send**: Send this message via Bluetooth or as a Pic Msg.
     - **Rename**: Change the name of the voice memo file.
     - **Lock/Unlock**: Locks the ringtone to prevent deletion or unlocks the ringtone to allow deletion.
     - **Move**: Moves the ringtone from the phone to the memory card or memory card to the phone (depending on current location).
     - **Erase**: To erase the selected voice memo file.
     - **Erase Files**: Erases all ringtone files.
     - **File Info**: Shows the title, size, type, and date for the file.

Section 8: Connections

Your phone is equipped with features that allow you to connect to the web, your personal computer, or other Bluetooth devices.

Web

Your phone uses a Openwave browser to navigate the web.

1. In standby mode, press **Menu** ( ) ➔ **Browser** .
   A message concerning data charges displays.
2. Press **Continue** to acknowledge the data charges message.
   – or –
   Press **Remove** to cancel.
3. Select a category and press .

Exit the Browser

- Press **End** ( ).

Using the Browser

When you use the browser, some of the keys operate differently than during a normal phone call. Browser presents on-screen items in any of the following ways:

- Text or numeric input.
- Links (embedded in content).
- Numbered options (some may not be numbered).
- Simple text.

You can act upon options or links by using the soft keys.

Browser soft keys

At the bottom of the browser display is a bar that contains browser commands. The Left and Right soft keys ( ) on the keypad are used to execute the commands that display in their respective corners of the display. These are called “soft keys” because their functions change depending on the application.

Using Links

Links have several purposes, such as jumping to a different page, to a different site, or even initiating a phone call. Links are shown inside of brackets ([ ]). You can normally use the Left soft key ( ) to select a link when it is highlighted.

How Browser Keys Work

The following table lists browser keys and their functions.

Navigation Key: Use to browse lists and options.

Back Key: Press once to back up one page. Press and hold to go back to home page. Press once to clear the last number, letter, or symbol entered. Press and hold to completely clear the entry.

SHIFT Key: Press before entering text to enable uppercase characters.

Spacebar: Press to insert a space when entering text.

Number 1 thru 0: Use the number keys to select items in a menu if they are numbered.

End Key: Press to exit the browser and return the phone to standby mode.

Left Soft Key: Press to activate the command that displays above it in the display.

Right Soft Key: Press to activate the command that displays above it in the display.

Bluetooth

Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 30 feet without requiring a physical connection.

- In standby mode, press **Menu** ( ) ➔ **Tools** ➔ **Bluetooth**.

Turn Bluetooth On/Off

- In standby mode, press **Menu** ( ) ➔ **Tools** ➔ **Bluetooth** ➔ **Turn On**.

Add New Device

To search for available Bluetooth devices:

1. In standby mode, press **Menu** ( ) ➔ **Tools** ➔ **Bluetooth** ➔ **Add New Device** and press **OK** ( ).
2. If you have not enabled Bluetooth, highlight **Yes** and press **OK** at the "**Turn bluetooth power on?**" prompt.

3. Place the device to pair with your phone, in Discoverable mode and press **OK** ( ). The phone searches and lists any discovered devices.
4. Highlight a device and press **PAIR**. This pairs with the device.

Note: If automatic connecting fails, you are prompted to enter the passkey or PIN for the selected device. (For more information, refer to the device user manual.)
If you are pairing with another handset, both devices prompt you to accept an automatically generated PIN. To pair the two handsets, press Yes on both devices.

Registered List

The Registered List contains paired Bluetooth devices, and allows you to connect/disconnect from a device or modify settings for paired devices.

Bluetooth Options

Bluetooth Settings allow you to set your phone's Bluetooth availability, and view and set information about your phone's Bluetooth capabilities.

- In standby mode, press **Menu** ( ) ➔ **Tools** ➔ **Bluetooth** ➔ **Options**.
  - **My Phone Name**: Lets you review and/or change the name of your Bluetooth device.
  - **Discovery Mode**: Makes your phone "visible" to other Bluetooth devices for pairing and connecting.
  - **Supported Profiles**: Lists and describes the Bluetooth profiles your phone supports (Headset, Handsfree, Dial Up Networking, A2DP (stereo audio), Phonebook Access, Object Push, and File Transfer).
  - **My Phone Info**: Lists the Bluetooth Type, Status, and Address of your phone.
  - **Auto Pairing**: Automatically tries to pair with available Bluetooth devices.

Enable downloading for Web Applications

PC Connection

The **PC Connection** option lets you enable the **USB Mass Storage** setting so you can download music files, ringtones, and other media to the memory card.

1. Insert a microSD or microSDHC Memory Card into the phone.
2. From the **Settings** menu select **Phone Settings** ➔ **PC Connection** ➔ **USB Mass Storage** and press **SET**.
3. Download your file(s) or application(s).

Section 9: Tools

This section explains how you can use your phone's productivity tools to view today's calendar, schedule appointments, set an alarm, perform simple math calculations, and more.

Accessing Tools

- In standby mode, press **Menu** ( ) ➔ **Tools** .

Bluetooth

Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 30 feet without requiring a physical connection.

- In standby mode, press **Menu** ( ) ➔ **Tools** ➔ **Bluetooth**.

For more information, refer to *"Bluetooth"* on page 61.

Turn Bluetooth On/Off

- In standby mode, press **Menu** ( ) ➔ **Tools** ➔ **Bluetooth** ➔ **Turn On**.

For more information, refer to *"Bluetooth"* on page 61.

Add a New Device

To pair with a Bluetooth device, see *"Add New Device"* on page 61.

Calculator

There are four types of calculation you can use:

- **Normal**: Regular calculation such as addition, subtraction, multiplication, and division.
- **Tip**: Calculates the amount of tip owed depending on the percentage of tip, and number of people contributing.
- **Eco**: Calculates fuel costs using the distance traveled and gallons used.
- **Converter**: Converts Temperature, Length, Weight, Area, Volume, and Currency.

Normal Calculator

1. In standby mode, press **Menu** ( ) ➔ **Tools** ➔ **Calculator** ➔ **Normal**.
2. Enter the first number in your calculation using the keypad (up to 15 digits).

- Press the **Star** (*) key to enter a decimal point, (Calculator only accepts up to 5 digits after a decimal point.)
- Press the **Pound** (#) key to change the sign for a number to a negative.

3. Use the Navigation key to set the type of calculation to perform. Selections are:
   - **Up** Navigation key: [+] Addition.
   - **Down** Navigation key: [—] Subtraction.
   - **Left** Navigation key: [÷] Division.
   - **Right** Navigation key: [X] Multiplication.
   - **OK** key: [=] Equals/Total.
4. Press **Operator** for nested operations [such as (1.81 + 9.34) / 5.22] and to calculate powers (such as 3^2). The following options display:
   - **(**: Beginning of nested operation.
   - **)**: Ending of nested operation.
   - **Power**: Raise the current number to the power of your next entry.
5. Use the keypad to enter the next number in the calculation.
6. Repeat steps 3 and 4 and necessary.
7. Press **OK** ( ) to view the result.

Tip Calculator

The **Tip Calculator** calculates the gratuity and also the portion for each person to pay.

Calculations are based on the total amount of the check, a selected percentage, and the number of people paying.

1. In standby mode, press **Menu** ( ) ➔ **Tools** ➔ **Calculator** ➔ **Tip**.

Tip: Press the **Asterisk** (*) key to include a decimal point.

2. Enter the total amount of the bill in the Bill field.
3. Enter the percentage of tip to pay in the Tip field (default is 20%).
4. Enter the number of people paying the bill in the # Paying field. The amount of the Tip, the bill Total, and the amount each person should pay displays.

Eco Calculator

The **Eco Calculator** calculates fuel economy based on distance traveled, cost of fuel per gallon, and number of gallons used.

1. In standby mode, press **Menu** ( ) ➔ **Tools** ➔ **Calculator** ➔ **Eco**.
2. Enter the distance traveled in the **Distance (mile)** field.
3. Enter the total cost of fuel in the **Fuel ($)**, **(gallon)** field.
4. Enter the number of gallons used and press **OK** ( ). All fuel efficiency information displays, including the emission of carbon dioxide emitted from your car.

Converter

The conversion menu displays the following conversion features:

- Temperature
- Length
- Weight
- Area
- Volume
- Currency

1. In standby mode, press **Menu** ( ) ➔ **Tools** ➔ **Calculator** ➔ **Converter**.
2. Select the conversion feature and press **OK** ( ).
3. Use the **Left** and **Right** Navigation keys to select the measurement above the **From** field.
4. Enter the measure to convert from in the **From** field.
5. Use the **Left** and **Right** Navigation keys to select the measurement to convert to above the **To** field. The converted measurement displays in the **To** field.

Calendar

Calendar allows you to view the current, past, or future month in calendar format, and schedule events. While viewing the calendar, the current date is highlighted, and days with scheduled events are red.

- In standby mode, press **Menu** ( ) ➔ **Tools** ➔ **Calendar**.

View an event

1. In standby mode, press **Menu** ( ) ➔ **Tools** ➔ **Calendar**.
2. Highlight the date of the new event and press **View** ( ). The events scheduled for this date display.

Create an event

1. In standby mode, press **Menu** ( ) ➔ **Tools** ➔ **Calendar**.
2. Highlight the date for this new event, then press **New**.
3. Enter a subject for this event in the Subject field.
4. Enter the **Start Time** in hh:mm format and select am or pm using the **Left** or **Right** Navigation keys.
5. Enter the **End Time** in hh:mm format and select am or pm using the **Left** or **Right** Navigation keys.
6. Enter the **Start Date** using the mm/dd/yyyy format.
7. Enter the **End Date** using the mm/dd/yyyy format.
8. Highlight the **Recurrence** field and press **Set**. Highlight the amount of time for this event to occur and press **OK** ( ).
9. Highlight the **Alert Time** field and use the **Left** or **Right** Navigation keys to select the amount of time to alert you before the event occurs.
10. Highlight the **Reminder** field and use the **Left** or **Right** Navigation keys to select the number of times you want a reminder to display.
11. Highlight the **Alert Tone** field and press Set, then select an alert tone and press **SET** ( ).
12. Highlight the **Vibrate** field and use the **Left** or **Right** Navigation keys to turn vibration On or Off.
13. Press **SAVE** to save your settings for this event.

Calendar Options

While viewing the calendar you can perform other functions.

1. In standby mode, press **Menu** ( ) ➔ **Tools** ➔ **Calendar**.
2. Press Options and select one of the following:
   - **Weekly view**: Displays a weekly view of the calendar if you are in Month view.
   - **Monthly view:** Displays a monthly view of the calendar if you are in Weekly view.
   - **Go To Date**: Enter a date to display on the Calendar.
   - **Erase All**: Erases all events for the selected date.
   - **Erase All Old**: Select the age of events to erase. Selections are: One Week, One Month, One Year, or One Day.
   - **Search**: Search events by name.
   - **Eco Day List**: Lists the ECO dates for this month.

Alarm Clock

Set up to 10 alarm clocks for various times, days of the week, or ringers. You can turn these alarm clocks On and Off without affecting their settings.

- In standby mode, press **Menu** ( ) ➔ **Tools** ➔ **Alarm Clock**.

Adding an Alarm

1. In standby mode, press **Menu** ( ) ➔ **Tools** ➔ **Alarm Clock**.
2. Press **ADD** ( ).
3. Use the **Left** or **Right** Navigation keys in the Alarm Clock field to turn the alarm On.
4. Enter the time in the **Time** field using the hh:mm and am/pm format.
5. Highlight the **Frequency** field and press **Set**, then select a time for this event to repeat. Selections are: **Once**, **Daily**, **Weekdays**, **Weekends**, or **Custom**.
6. Highlight the **Snooze** field and press **Set**, then select the amount of time to delay sounding the alarm each time you press Snooze.
7. Highlight the **Repeat** field and press **Set**, then select the number of times to repeat this alarm after you press Snooze. Selections are: **Once**, **Twice**, **3 Times**, **5 Times**, or **10 Times**.
8. Highlight the **Ringer** field and use the **Left** or **Right** Navigation keys to select a ringer type. The name of the associated tone changes automatically as you select the type.
9. Press **SAVE** to save your selections.

Stop Watch

Stop Watch provides a timer that you can use to record event times and/or to record lap times.

1. In standby mode, press **Menu** ( ) ➔ **Tools** ➔ **Stop Watch**.
2. Press **START/STOP** ( ) to start or stop the stopwatch count.
3. Press the **Lap** key to record the time as a completed Lap.
4. Press **Reset** to erase all stop watch (lap) recorded times.

World Clock

World Clock lets you view the time of day or night in any two of the 24 different time zones around the world you choose. You select your time zones by city and/or country name.

Note: World Clock requires your Wireless Provider's digital service.

1. In standby mode, press **Menu** ( ) ➔ **Tools** ➔ **World Clock** and press **OK**. A world map displays.
2. Press **Edit** ( ) to change the time zones displayed.
3. Press the Left or Right Navigation key to select a location and display a particular time zone, then press **OK** .
4. Press **DST On** ( ) to activate Daylight Saving Time for the selected time zone.
5. Press **Home** ( ), highlight **Yes** and press **OK** to set this as your Local time zone.

Memo Pad

Create notes and store them in Memo Pad. Return to Memo Pad anytime to review and edit your notes.

1. In standby mode, press **Menu** ( ) ➔ **Tools** ➔ **Memo Pad**.
2. Press **Add** and enter the memo text.
3. Press **SAVE** ( ) to save the memo.
4. Press **Options** and select one of the following:
   - **Edit**: Edit the selected memo.
   - **Erase**: Erases the selected memo.
   - **Erase Memos**: Erases all memos.
   - **Lock/Unlock**: Locks the memo to prevent deletion, or unlocks to allow deletion.

USB Mass Storage

Places the phone in USB Mass Storage mode so you can transfer files from the PC to the phone.

Important! You must insert a memory card to use this feature.

- In standby mode, press **Menu** ( ) ➔ **Tools** ➔ **USB Mass Storage**. For more information, refer to *"Enable downloading for Web Applications"* on page 62.

Section 10: Settings

This section explains how to configure your phone's language, network preferences, security options, and other settings.

Accessing Your Phone's Settings

- In standby mode, press **Menu** ( ) ➔ **Settings**.

Location

Choose whether your phone's GPS (Global Positioning System) location is available to the network at all times, or only when you've dialed an Emergency Number, such as 911

- From the **Settings** menu select **Location**, then select **Location On** or **E911 Only**.

Note: Check with your Wireless Carrier to determine if/when/where location-based services are available.

Display Settings

Display settings let you change your phone's menu display, display brightness and contrast, and display content to better meet your needs.

- From the **Settings** menu select **Display Settings**.

Wallpaper

Wallpaper lets you choose an image to display in the background on your phone's Main display while in standby mode.

1. From the **Settings** menu select **Display Settings** ➔ **Wallpaper**.
2. Highlight the screen wallpaper to set (Main Screen, or Lock Screen) and press **OK** ( ).
3. Highlight an image then press **SET** ( ).

Clock Format

Clock Format lets you choose in what format your phone displays the current time.

- From the **Settings** menu select **Clock Format**. Select from the **Analog**, **Large Analog**, **Digital 12**, **Large Digital 12**, **Digital 24**, **Large Digital 24**, or **Off**.

Display Themes

Lets you select the color theme used to display menu screens and popup menus and messages. You can choose from a variety of themes.

1. From the **Settings** menu select **Display Settings** ➔ **Display Theme**s.
2. Select one of the following options to save the theme then press **SET** ( ).

Fonts

Lets you select the size of your dialing or menu fonts.

1. From the **Settings** menu select **Display Settings** ➔ **Fonts**.
2. Select **Dial Fonts** ➔ **Size** and select **Normal** or **Large Only** and press **SET** ( ).

   – or –

   Select **Menu Fonts** ➔ **Size** and select **Normal** or **Large** and press **SET** ( ).

Personal Banner

Personal Banner lets you change the banner text that appears on the Home screen.

1. From the **Settings** menu select **Display Settings** ➔ **Personal Banner**.

   The **PERSONAL BANNER** screen displays on the screen.
2. Change or replace the text, then press **SET** ( ). For more information, refer to *"Entering Text"* on page 30.

Backlight

You can set the brightness of the backlight for your display or keypad.

1. From the **Settings** menu select **Display Settings** ➔ **Backlight**.
2. Select **Display**, or **Keypad** backlight to remain on for 10, 15 or 30 seconds; to be **Always On**, or **Always Off**.
3. Press the Left or Right Navigation key to set the **Brightness**.

Note: Prolonged backlight use drains your battery faster.

Home Screen Font Color

Home Screen Font Color lets you choose the text color for the Personal Banner and Clock that appear on the Home screen.

1. From the **Settings** menu select **Display Settings** ➔ **Home Screen Font Color**.
2. Select from the following options:
   - Personal Banner
   - Clock
3. For either option, choose **Black**, **White**, **Red**, **Orange**, **Yellow**, **Green**, **Blue**, **Purple**, **Pink**, or **Cyan**.

Sounds Settings

Sounds Settings let you customize your phone's audio properties, such as ringers, keypad tones, alerts, start up melody, and more.

- From the **Settings** menu select **Sounds Settings**.

Master Volume

Set the **Master Volume** for all the sounds on your phone.

1. From the **Settings** menu select **Sounds Settings** ➔ **Master Volume**.
2. Press the Left or Right Navigation key to select the sound level. Selections are: **All Sounds Off**, **Alarm Only**, **Vibrate Only**, **Low**, **Medium Low**, **Medium**, **Medium High**, or **High**.
3. Press **Play** to hear the ringer level.
4. Press **SET** to confirm the setting.

Call Sounds

You can select the ringtones your phone will play to notify you of incoming calls, and when you roam outside your home network. You can also set your phone to vibrate as well as ring for incoming calls, and/or whether to display a calling number or contact name.

1. From the **Settings** menu select **Sounds Settings** ➔ **Call Sounds**.
2. Select **Call Ringtone**, **Roam Ringer**, **Call Vibrate**, or **Caller ID Readout**.
   - For **Call Ringtone** or **Roam Ringer**, select a ringtone and press **SET**.
   - For **Call Vibrate**, select **On** or **Off**, then press **SET**.
   - For **Caller ID Readout**, select **Ring Only**, **Caller ID + Ring**, or **Name Repeat** (Contacts only), then press **SET**.

Alert Sounds

You can select an individual tone to play for each of 6 types of Alerts your phone can sound.

1. From the **Settings** menu select **Sounds Settings** ➔ **Alert Sounds**.
2. When you select **Text Message**, **Picture/Video Message**, **Voicemail**, **Missed Call**, **Device Connect**, or **CMAS Message**, select an alert **Tone** to play, whether your phone should **Vibrate**, and/or whether and how often your phone should repeat a **Reminder** of any of these alerts.
3. When you select **Device Connect**, you can turn this alert **On** or **Off**.

Keypad Sounds

You can select one of two sounds for your phone to produce when you press a key.

- From the **Settings** menu select **Sounds Settings** ➔ **Keypad Sounds,** then select **Default** or **Lucid**.

Keypad Volume

You can select the volume at which your phone produces Keypad Sounds.

- From the **Settings** menu select **Sounds Settings** ➔ **Keypad Volume**, then press the Navigation key Left to decrease the volume, or right to increase the volume.

Digital Dial Readout

When selected, the phone reads each digit out loud.

1. From the **Settings** menu select **Sounds Settings** ➔ **Digit Dial Readout**.
2. Highlight **On** or **Off** and press **SET**.

Service Alerts

Your phone will sound an alert when you are Roaming or out of your service area, when your calling minutes reaches one, or when a call connects.

1. From the **Settings** menu select **Sounds Settings** ➔ **Service Alerts**.
2. Select **Roam/SVC Alert**, **Minute Beep**, or **Call Connect**, then highlight **On** or **Off** and press **SET**.

Power On

When set, your phone will sound a tone when you turn on the phone.

1. From the **Settings** menu select **Sounds Settings** ➔ **Power On** and press **OK** ( ).
2. Highlight **On** or **Off** and select **SET**.

Call Settings

The Call Settings sub-menu lets you set call options such as Auto Retry and more.

- From the **Settings** menu select **Call Settings**.

Answer Options

Set the phone to answer with any keypress, or only when you press the Send key.

- You press **Send** ( ), or
- You press any key on the keypad except **End** ( ), **Volume Key** ( ).

1. From the **Settings** menu select **Call Settings** ➔ **Answer Options**.
2. Highlight **Any Key** or **Send Only** and press **OK** ( ).

Auto Answer

Auto Answer lets you set your phone to automatically answer calls after 1, 3, or 5 seconds.

1. From the **Settings** menu select **Call Settings** ➔ **Auto Answer**.
2. Select **After 1 Second**, **After 3 Seconds**, or **After 5 Seconds** and press **OK** ( ).

Auto Retry

Auto Retry automatically re-dials a number at an interval you select, when there is no answer or the dialed party is busy. Depending upon your location, the number of times your phone re-dials a number may vary.

1. From the **Settings** menu select **Call Settings** ➔ **Auto Retry**.
2. Highlight an amount of time (10-60 seconds) and press **SET**.

TTY Mode

Your phone is fully **TTY**-compatible, allowing you to connect a TTY device to the phone's headset jack. Before you can use your phone with a TTY device, you'll need to enable TTY Mode.

1. From the **Settings** menu select **Call Settings** ➔ **TTY Mode**.
2. Select **TTY Full, TTY + Talk (VCO), TTY + Hear (HCO) or TTY Off**.

Note: TTY Mode must be enabled before you can use your phone with TTY/TDD equipment.

The **TTY Mode** option has no effect on the phone's earpiece, microphone, or speaker. When you select **TTY Full**, all currently enabled sound functions remain enabled.

Voice Privacy

1. From the **Settings** menu select **Call Settings** ➔ **Voice Privacy**.
2. Select **Standard** or **Enhanced** and press **SET** ( ).

DTMF Tones

Dual Tone Multi Frequency tones are the tones your keys play when pressed in order to communicate with other devices such as answering machines or computerized telephone systems.

1. From the **Settings** menu select **Call Settings** ➔ **DTMF Tones**.
2. Highlight **Normal** or **Long** and press **SET** ( ).

Phone Settings

You can set or reset the operating characteristics of your phone to suit your location and/or to limit access to your phone.

- From the **Settings** menu select **Phone Settings**.

Airplane Mode

When set to **On**, Airplane Mode disables all radio functions of your phone. This blocks you from making or receiving calls other than Emergency (911) calls, but allows you to use other features (such as the camera and the Tools) safely in sensitive environments, such as on board an aircraft.

1. From the **Settings** menu select **Phone Settings** ➔ **Airplane Mode**.
2. Highlight **On** or **Off** and select **SET** ( ).

Tip: If you need to make an emergency call with Airplane mode enabled, just dial the emergency number and press .

Language

Choose the **Language** for the phone's operation and displays.

1. From the **Settings** menu select **Phone Settings** ➔ **Language**.
2. Select **English** or **Español** and press **OK** ( ).

Security

Use the **Security** sub-menu to lock your phone, set up emergency numbers, set restrictions, and other security options.

To access the Security sub-menu, you are prompted to enter your phone's four-digit lock code.

- From the **Settings** menu select **Phone Settings** ➔ **Security**.

Note: The default lock code is the last four digits of your mobile phone number.

Lock Phone Now

When selected, the phone automatically locks and requires the 4-digit unlock code.

Edit Codes

The Edit Codes screen allows you to edit your lock code.

1. From the **Settings** menu select **Phone Settings** ➔ **Security** ➔ **Edit Codes**.
2. Enter a new 4-digit code twice.

Phone Lock Setting

The **Lock Phone** option lets you Lock or Unlock your phone immediately or set your phone to lock itself On Power Up.

Locking the device blocks all outgoing calls except those to 911 and to any other user-programmed emergency numbers. You can lock the phone manually, or set the phone to lock automatically when turned on. In Lock mode, you can answer calls, but you must unlock the phone to place calls (except to emergency numbers). (For more information, refer to *"Emergency Numbers"* on page 21.)

1. From the **Settings** menu select **Phone Settings** ➔ **Security** ➔ **Phone Lock Setting**.
2. Select **Unlocked** or **On Power Up** and press **SET**.

Auto Device Lock

The Auto Device Lock option allows you to determine an amount of time to delay before automatically locking the phone.

1. From the **Settings** menu select **Phone Settings** ➔ **Security** ➔ **Auto Device Lock**.

2. Select a time to delay before locking the phone. Selections are: Off, or 5-60 mins and press **SET**.

Reset Phone

The **Reset Phone** option returns all settings on your phone (except for Contacts entries) to their default values.

1. From the **Settings** menu select **Phone Settings** ➔ **Security** ➔ **Reset Phone**.
2. Highlight **Yes** at the prompt and press **OK** ( ) to reset all settings to default except Contacts.

Restrictions

The **Restrictions** option sets restrictions for the types of calls or messages are received. You can receive calls, messages or data from anyone, only from contacts listed in the Contacts List, or None.

Note: All default restriction settings are set to **Allow All** (unrestricted).

1. From the **Settings** menu select **Phone Settings** ➔ **Security** ➔ **Restrictions**.
2. Select **Calls**, **SMS Messages**, **MMS Messages**, or **Data** and press **OK** ( ).
3. Select Incoming or Outgoing and press **OK** ( ).
4. Select a setting: **Allow All**, **Allow Contacts**, or **Allow None**.

Factory Data Reset

The **Factory Data Reset** option returns all settings on your phone to factory default values including contacts.

1. From the **Settings** menu select **Phone Settings** ➔ **Security** ➔ **Factory Data Reset**.
2. Highlight **Yes** at the prompt and press **OK** ( ) to reset all settings to default except Contacts.

NAM Select

NAM Selection lets you select your preferred system (NAM 1 or NAM 2), provided your phone has a NAM 2 number programmed into it. (For more information, contact your Wireless Provider.)

Important! If after setting your phone to Lock itself On Power Up, you change the NAM Selection setting from NAM 1 to NAM 2, but there is no number programed into NAM 2, you won't be able to access your phone. You must call your Wireless Provider's Service Center to unlock your phone.

- From the **PHONE SETTINGS** menu, select **NAM Select**, then select **NAM1** or **NAM2**.

System Select

System Select allows you to set system selections for roaming.

- From the **Settings** menu select **Phone Settings** ➔ **System Select**. Select one of the following:
  - **Home Only**: Your phone is only active in your home network's coverage area. When outside the coverage area, your phone will not roam, and call functions and other features will not be available.
  - **Automatic**: Your phone automatically acquires service based on default settings, using the Cricket network and the networks of roaming partners.

Set Time & Date

By default, your phone receives date and time information from the wireless network. When you are outside network coverage, you may want to set date and time information manually using the Date and time settings.

Important! You can only change the time and date on this phone if you are operating in and out of service conditions.

1. From the **Settings** menu select **Set Time & Date**.
2. Touch **Set Time** or **Set Date**.

To set the time

1. Enter the time in the time field in the hh:mm (hour:minute) format.
2. Press the **Navigation Down** button, then use the Left or Right Navigation key to select **am** or **pm**, then press **OK**.

To set the date

- Enter the date in a **mm/dd/yyyy** (month/day/year) format then press **OK**.

Speed Dial

Set the phone to turn Speed Dial On (enable) or Off (disable).

1. From the **Settings** menu select **Phone Settings ➔ Speed Dial**.
2. Highlight **On** or **Off** and press **OK** ( ).

Quick Search

Quick Search allows easy searching for contacts and menus in standby mode, by pressing keys on the QWERTY keyboard

- From the **Settings** menu select **Phone Settings** ➔ **Quick Search**. Select **On** or **Off**.

  In standby mode, just enter the first few letters of a Contact name, then press the Navigation key Up to find a matching Contact.

Set Shortcuts

You can assign shortcut keys to the Up, Down, Left, or Right Navigation key.

1. From the **Settings** menu select **Set Shortcuts**.
2. Select the directional key in which to assign the shortcut (**UP**, **DOWN**, **LEFT**, or **RIGHT**), and press **SET**.

PC Connection

The **PC Connection** option lets you enable (**USB Mass Storage** setting or **Bluetooth**), or disable (**No Connection** setting) the phone's ability to act as a USB flash drive, provided you have installed an optional microSD or microSDHC Memory Card and an optional USB Data Cable.

- From the **Settings** menu select **Phone Settings** ➔ **PC Connection**.

  With **PC Connection** set to **USB Mass Storage** or **Bluetooth**, you can transfer music, sound, ringtone, and image files to and from a microSD or microSDHC Memory Card.

Auto Key Lock

The **Auto Key Lock** setting controls whether the external keypad locks automatically when the backlight goes out.

- From the **Settings** menu select **Phone Settings** ➔ **Auto Key Lock**. Select **On** or **Off**.

  With **Auto Key Lock** set to **On**, your phone automatically disables its keys when the screen backlight goes out with the phone closed.

  Press a key to turn the screen backlight on, then press **Unlock** ( ) ➔ **Spacebar/Silence Key** ( ).

Phone Info

Phone Info allow you to view information about your device.

1. From the **Settings** menu select **Phone Info**.
2. Select one of the following options:
   - **My Number**: Displays your phone number.
   - **Icon Glossary**: Displays a glossary of icons displayed on this phone.
   - **SW/HW Version**: Displays the phones software and hardware version.
   - **Brew Mobile Platform**: Displays the platform version for Brew running on this phone.

Memory

1. From the **Settings** menu select **Memory**.
2. Select one of the following options:
   - **Save Options**: Allow you to select a default storage location for images, sounds, or videos.
   - **Phone Memory**: Allows you to review the amount of available and used phone memory for the phone, images, ringtones, and videos.
   - **Card Memory**: Allows you to review the amount of available and used card memory (if installed).

Note: This option prepares used microSD™ or microSDHC™ Memory Cards for use with your phone. Repeated formatting of a Memory Card can shorten its service life. Erase files rather that format the Memory Card.

Section 11: Health and Safety Information

This section outlines the safety precautions associated with using your phone. The terms “mobile device” or “cell phone” are used in this section to refer to your phone. **Read this information before using your mobile device**.

Exposure to Radio Frequency (RF) Signals

The U.S. Food and Drug Administration (FDA) has published information for consumers relating to Radio Frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

Do cell phones pose a health hazard?

Many people are concerned that cell phone radiation will cause cancer or other serious health hazards. The weight of scientific evidence has not linked cell phones with any health problems.

Cell phones emit low levels of Radio Frequency (RF) energy. Over the past 15 years, scientists have conducted hundreds of studies looking at the biological effects of the radio frequency energy emitted by cell phones. While some researchers have reported biological changes associated with RF energy, these studies have failed to be replicated. The majority of studies published have failed to show an association between exposure to radio frequency from a cell phone and health problems.

The low levels of RF cell phones emit while in use are in the microwave frequency range. They also emit RF at substantially reduced time intervals when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects.

The biological effects of radio frequency energy should not be confused with the effects from other types of electromagnetic energy.

Very high levels of electromagnetic energy, such as is found in X-rays and gamma rays, can ionize biological tissues. Ionization is a process where electrons are stripped away from their normal locations in atoms and molecules. It can permanently damage biological tissues including DNA, the genetic material.

The energy levels associated with radio frequency energy, including both radio waves and microwaves, are not great enough to cause ionization of atoms and molecules. Therefore, RF energy is a type of non-ionizing radiation. Other types of non-ionizing radiation include visible light, infrared radiation (heat), and other forms of electromagnetic radiation with relatively low frequencies.

While RF energy does not ionize particles, large amounts can increase body temperatures and cause tissue damage. Two areas of the body, the eyes and the testes, are particularly vulnerable to RF heating because there is relatively little blood flow in them to carry away excess heat.

Research Results to Date: Is there a connection between RF and certain health problems?

The results of most studies conducted to date say no. In addition, attempts to replicate and confirm the few studies that have shown a connection have failed.

The scientific community at large therefore believes that the weight of scientific evidence does not show an association between exposure to Radio Frequency (RF) from cell phones and adverse health outcomes. Still the scientific community has supported additional research to address gaps in knowledge. Some of these studies are described below.

Interphone Study

Interphone is a large international study designed to determine whether cell phones increase the risk of head and neck cancer. A report published in the International Journal of Epidemiology (June, 2010) compared cell phone usage for more than 5,000 people with brain tumors (glioma and meningioma) and a similar number of healthy controls.

Results of this study did NOT show that cell phones caused brain cancer. In this study, most people had no increased risk of brain cancer from using cell phones. For people with the heaviest use of cell phones (an average of more than ½ hour per day, every day, for over 10 years) the study suggested a slight increase in brain cancer. However, the authors determined that biases and errors prevented any conclusions being drawn from this data. Additional information about Interphone can be found at http://www.iarc.fr/en/media-centre/pr/2010/pdfs/pr200_E.pdf.

Interphone is the largest cell phone study to date, but it did not answer all questions about cell phone safety. Additional research is being conducted around the world, and the FDA continues to monitor developments in this field.

International Cohort Study on Mobile Phone Users (COSMOS)

The COSMOS study aims to conduct long-term health monitoring of a large group of people to determine if there are any health issues linked to long-term exposure to radio frequency energy from cell phone use. The COSMOS study will follow approximately 300,000 adult cell phone users in Europe for 20 to 30 years. Additional information about the COSMOS study can be found at http://www.ukcosmos.org/index.html.

Risk of Brain Cancer from Exposure to Radio Frequency Fields in Childhood and Adolescence (MOBI-KIDS)

MOBI-KIDS is an international study investigating the relationship between exposure to radio frequency energy from communication technologies including cell phones and brain cancer in young people. This is an international multi-center study involving 14 European and non-European countries. Additional information about MOBI-KIDS can be found at http://www.creal.cat/programes-recerca/en_projectes-creal/view.php?ID=39.

Surveillance, Epidemiology, and End Results (SEER) Program of the National Cancer Institute

The National Cancer Institute (NCI) actively follows cancer statistics in the United States to detect any change in rates of new cases for brain cancer. If cell phones play a role in risk for brain cancer, rates should go up, because heavy cell phone use has been common for quite some time in the U.S. Between 1987 and 2005, the overall age-adjusted incidence of brain cancer did not increase. Additional information about SEER can be found at http://seer.cancer.gov/.

Cell Phone Industry Actions

Although the existing scientific data do not justify FDA regulatory actions, the FDA has urged the cell phone industry to take a number of steps, including the following:

- Support-needed research on possible biological effects of RF for the type of signal emitted by cell phones;
- Design cell phones in a way that minimizes any RF exposure to the user; and
- Cooperate in providing users of cell phones with the current information on cell phone use and human health concerns.

The FDA also is working with voluntary standard-setting bodies such as the Institute of Electrical and Electronics Engineers (IEEE), the International Commission on Non-Ionizing Radiation Protection (ICNIRP), and others to assure that safety standards continue to adequately protect the public.

Reducing Exposure: Hands-Free Kits and Other Accessories

Steps to Reduce Exposure to Radio Frequency Energy

If there is a risk from being exposed to radio frequency energy (RF) from cell phones - and at this point we do not know that there is - it is probably very small. But, if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your RF exposure.

- Reduce the amount of time spent using your cell phone;
- Use speaker mode or a headset to place more distance between your head and the cell phone.

Hands-Free Kits

Hands-free kits may include audio or Bluetooth® headsets and various types of body-worn accessories such as belt-clips and holsters. Combinations of these can be used to reduce RF energy absorption from cell phones.

Headsets can substantially reduce exposure because the phone is held away from the head in the user's hand or in approved body-worn accessories. Cell phones marketed in the U.S. are required to meet RF exposure compliance requirements when used against the head and against the body.

Because there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used for convenience and comfort. They are also required by law in many states if you want to use your phone while driving.

Cell Phone Accessories that Claim to Shield the Head from RF Radiation

Because there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that accessories which claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone.

Studies have shown that these products generally do not work as advertised. Unlike “hands-free” kits, these so-called “shields” may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption.

Children and Cell Phones

The scientific evidence does not show a danger to any users of cell phones from RF exposure, including children and teenagers. The steps adults can take to reduce RF exposure apply to children and teenagers as well.

- Reduce the amount of time spent on the cell phone;
- Use speaker mode or a headset to place more distance between the head and the cell phone.

Some groups sponsored by other national governments have advised that children be discouraged from using cell phones at all. For example, The Stewart Report from the United Kingdom made such a recommendation in December 2000. In this report, a group of independent experts noted that no evidence exists that using a cell phone causes brain tumors or other ill effects. Their recommendation to limit cell phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (updated 10/1/2010):

- FCC RF Safety Program: http://www.fcc.gov/oet/rfsafety/.
- Environmental Protection Agency (EPA): http://www.epa.gov/radtown/wireless-tech.html.
- Occupational Safety and Health Administration (OSHA): http://www.osha.gov/SLTC/radiofrequencyradiation/. (Note: This web address is case sensitive.)
- National Institute for Occupational Safety and Health (NIOSH): http://www.cdc.gov/niosh/.
- World Health Organization (WHO): http://www.who.int/peh-emf/en/.
- International Commission on Non-Ionizing Radiation Protection: http://www.icnirp.de.
- Health Protection Agency: http://www.hpa.org.uk/Topics/Radiation/.

- US Food and Drug Administration: http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/default.htm.

Specific Absorption Rate (SAR) Certification Information

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for Radio Frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government.

These FCC RF exposure limits are derived from the recommendations of two expert organizations: the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The RF exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC SAR limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum reported value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output of the phone.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the SAR limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC. For body-worn operation, this phone has been tested and meets

FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the mobile device a minimum of 1.5 cm cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines. The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

- Head: 0.97 W/kg
- Body: 1.07 W/kg

SAR information on this and other model phones can be accessed online on the FCC's website through http://transition.fcc.gov/oet/rfsafety/sar.html. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone. Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional SAR information can also be obtained at http://www.fcc.gov/encyclopedia/specific-absorption-rate-sar-cellular-telephones.

FCC Part 15 Information to User

Pursuant to part 15.21 of the FCC Rules, you are cautioned that changes or modifications not expressly approved by Samsung could void your authority to operate the device.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception,

which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Commercial Mobile Alerting System (CMAS)

This device is designed to receive wireless emergency alerts from the Commercial Mobile Alerting System ("CMAS"; which may also be known as the Personal Localized Alerting Network ("PLAN")). If your wireless provider has chosen to participate in CMAS/PLAN, alerts are available while in the provider's coverage area. If you travel outside your provider's coverage area, wireless emergency alerts may not be available. For more information, please contact your wireless provider.

Smart Practices While Driving

On the Road - Off the Phone

The primary responsibility of every driver is the safe operation of his or her vehicle.

Responsible drivers understand that no secondary task should be performed while driving whether it be eating, drinking, talking to passengers, or talking on a mobile phone - unless the driver has assessed the driving conditions and is confident that the secondary task will not interfere with their primary responsibility. **Do not engage in any activity while driving a moving vehicle which may cause you to take your eyes off the road or become so absorbed in the activity that your ability to concentrate on the act of driving becomes impaired**. Samsung is committed to promoting responsible driving and giving drivers the tools they need to understand and address distractions.

Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas. For example, only hands-free use may be permitted in certain areas.

Before answering calls, consider your circumstances. Let the call go to voicemail when driving conditions require. Remember, driving comes first, not the call!

If you consider a call necessary and appropriate, follow these tips:

- Use a hands-free device;
- Secure your phone within easy reach;
- Place calls when you are not moving;
- Plan calls when your car will be stationary;
- Do not engage in stressful or emotional conversations;
- Let the person with whom you are speaking know that you are driving and will suspend the call if necessary;
- Do not take notes or look up phone numbers while driving;

Notice regarding legal restrictions on mounting this device in an automobile:

Laws in some states may prohibit mounting this device on or near the windshield of an automobile. In other states, the law may permit mounting this device only in specific locations in the automobile. Be sure to consult the state and local laws or ordinances where you drive before mounting this device in an automobile. Failure to comply with these restrictions could result in fines, penalties, or other damages.

Never mount this device in a manner that will obstruct the driver's clear view of the street and traffic.

Never use wireless data services such as text messaging, Web browsing, or e-mail while operating a vehicle.

Never watch videos, such as a movie or clip, or play video games while operating a vehicle.

For more information, go to http://www.ctia.org.

Battery Use and Safety

Important! Handle and store batteries properly to avoid injury or damage. Most battery issues arise from improper handling of batteries and, particularly, from the continued use of damaged batteries.

- **Do not disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery**. Do not put a high degree of pressure on the battery. This can cause leakage or an internal short-circuit, resulting in overheating.

- **Do not let the phone or battery come in contact with liquids.** Liquids can get into the phone's circuits, leading to corrosion. Even when the phone appears to be dry and appears to operate normally, the circuitry could slowly corrode and pose a safety hazard. If the phone and/or battery get wet, have them checked by your service provider or contact Samsung, even if they appear to be working properly.
- **Do not place your battery in or near a heat source**. Excessive heating can damage the phone or the battery and could cause the phone or the battery to explode. Do not dry a wet or damp battery with an appliance or heat source such as a microwave oven, hair dryer, iron, or radiator. Avoid leaving your phone in your car in high temperatures.
- **Do not dispose of the phone or the battery in a fire**. The phone or the battery may explode when overheated.
- **Do not handle a damaged or leaking battery**. Do not let leaking battery fluid come in contact with your eyes, skin or clothing. For safe disposal options, contact your nearest Samsung-authorized service center.
- **Avoid dropping the cell phone**. Dropping the phone or the battery, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- **Never use any charger or battery that is damaged in any way**.
- **Do not allow the battery to touch metal objects**. Accidental short-circuiting can occur when a metallic object (coin, key, jewelry, clip, or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.

Important! Use only Samsung-approved batteries, and recharge your battery only with Samsung-approved chargers which are specifically designed for your phone.

WARNING!

Use of a non-Samsung-approved battery or charger may present a risk of fire, explosion, leakage, or other hazard. Samsung's warranty does not cover damage to the phone caused by non-Samsung-approved batteries and/or chargers.

- **Do not use incompatible cell phone batteries and chargers**. Some websites and second-hand dealers not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier-recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
- **Misuse or use of incompatible phones, batteries, and charging devices could result in damage to the equipment and a possible risk of fire, explosion, or leakage, leading to serious injuries, damages to your phone, or other serious hazard**.

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile devices and genuine Samsung accessories.

Proper disposal of your mobile device and its battery is not only important for safety, it benefits the environment. Batteries must be recycled or disposed of properly.

Recycling programs for your mobile device, batteries, and accessories may not be available in your area.

We've made it easy for you to recycle your old Samsung mobile device by working with respected take-back companies in every state in the country.

Drop It Off

You can drop off your Samsung-branded mobile device and batteries for recycling at one of our numerous Samsung Recycling Direct (SM) locations. A list of these locations may be found at: http://pages.samsung.com/us/recyclingdirect/usactivities_environment_samsungrecyclingdirect_locations.jsp .

Samsung-branded devices and batteries will be accepted at these locations for no fee.

Consumers may also recycle their used mobile device or batteries at many retail or carrier-provided locations where mobile devices and batteries are sold. Additional information regarding specific locations may be found at: http://www.epa.gov/epawaste/partnerships/plugin/cellphone/index.htm or at http://www.call2recycle.org/.

Mail It In

The Samsung Mobile Take-Back Program will provide Samsung customers with a free recycling mailing label. Just go to http://www.samsung.com/us/aboutsamsung/citizenship/usactivities_environment_samsungrecyclingdirect.html?INT=STA_recyle_your_phone_page and follow the instructions to print out a free pre-paid postage label and then send your old mobile device or battery to the address listed, via U.S. Mail, for recycling.

Dispose of unwanted electronics through an approved recycler.

To find the nearest recycling location, go to our website:

www.samsung.com/recyclingdirect
Or call, (877) 278-0799.

Follow local regulations regarding disposal of mobile devices and batteries

Dispose of your mobile device and batteries in accordance with local regulations. In some areas, the disposal of these items in household or business trash may be prohibited. Help us protect the environment - recycle!

Warning! Never dispose of batteries in a fire because they may explode.

UL Certified Travel Charger

The Travel Charger for this phone has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines:

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE.

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET.

THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Display / Touch-Screen

Please note the following information when using your mobile device:

WARNING REGARDING DISPLAY

The display on your mobile device is made of glass or acrylic and could break if your mobile device is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.

WARRANTY DISCLAIMER: PROPER USE OF A TOUCH-SCREEN MOBILE DEVICE

If your mobile device has a touch-screen display, please note that a touch-screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch-screen may damage the tempered glass surface and void the warranty. For more information, please refer to the “Standard Limited Warranty”.

GPS & AGPS

Certain Samsung mobile devices can use a Global Positioning System (GPS) signal for location-based applications. A GPS uses satellites controlled by the U.S. Government that are subject to changes implemented in accordance with the Department of Defense policy and the 2008 Federal Radio navigation Plan (FRP). Changes may affect the performance of location-based technology on your mobile device.

Certain Samsung mobile devices can also use an Assisted Global Positioning System (AGPS), which obtains information from the cellular network to improve GPS performance. AGPS uses your wireless service provider's network and therefore

airtime, data charges, and/or additional charges may apply in accordance with your service plan. Contact your wireless service provider for details.

Your Location

Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile devices which are connected to a wireless network transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. The location-based information may be shared with third-parties, including your wireless service provider, applications providers, Samsung, and other third-parties providing services.

Use of AGPS in Emergency Calls

When you make an emergency call, the cellular network may activate AGPS technology in your mobile device to tell the emergency responders your approximate location.

AGPS has limitations and **might not work in your area**. Therefore:

- Always tell the emergency responder your location to the best of your ability; and
- Remain on the mobile device for as long as the emergency responder instructs you.

Navigation

Maps, directions, and other navigation-data, including data relating to your current location, may contain inaccurate or incomplete data, and circumstances can and do change over time. In some areas, complete information may not be available. **Therefore, you should always visually confirm that the navigational instructions are consistent with what you see before following them. All users should pay attention to road conditions, closures, traffic, and all other factors that may impact safe driving or walking. Always obey posted road signs**.

Emergency Calls

This mobile device, like any wireless mobile device, operates using radio signals, wireless and landline networks, as well as user-programmed functions, which cannot guarantee connection in all conditions, areas, or circumstances.

Therefore, you should never rely solely on any wireless mobile device for essential communications (medical emergencies, for example). Before traveling in remote or underdeveloped areas, plan an alternate method of contacting emergency services personnel. Remember, to

make or receive any calls, the mobile device must be switched on and in a service area with adequate signal strength.

Emergency calls may not be possible on all wireless mobile device networks or when certain network services and/or mobile device features are in use. Check with local service providers.

To make an emergency call:

1. If the mobile device is not on, switch it on.
2. Key in the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.
3. Press the “Send” key .

If certain features are in use (call blocking, for example), you may first need to deactivate those features before you can make an emergency call. Consult your User Manual and your local cellular service provider. When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your mobile device may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Care and Maintenance

Your mobile device is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years:

Keep your Samsung Mobile Device away from:

Liquids of any kind

Keep the mobile device dry. Precipitation, humidity, and liquids contain minerals that will corrode electronic circuits. If the mobile device does get wet, do not accelerate drying with the use of an oven, microwave, or dryer, because this may damage the mobile device and could cause a fire or explosion.

Do not use the mobile device with a wet hand. Doing so may cause an electric shock to you or damage to the mobile device.

Extreme heat or cold

Avoid temperatures below 0°C / 32°F or above 45°C / 113°F.

Microwaves

Do not try to dry your mobile device in a microwave oven. Doing so may cause a fire or explosion.

Dust and dirt

Do not expose your mobile device to dust, dirt, or sand.

Cleaning solutions

Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the mobile device. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.

Shock or vibration

Do not drop, knock, or shake the mobile device. Rough handling can break internal circuit boards.

Paint

Do not paint the mobile device. Paint can clog the device's moving parts or ventilation openings and prevent proper operation.

Responsible Listening

Caution! Avoid potential hearing loss.

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations. Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cell phones, at high volume settings for long durations may lead to permanent noise-induced hearing loss.

This includes the use of headphones (including headsets, earbuds, and Bluetooth® or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound, and distorted hearing. Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings, and equipment.

You should follow some common sense recommendations when using any portable audio device:

- Always turn the volume down before plugging the earphones into an audio source.
- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- Be aware that you can adapt to higher volume settings over time, not realizing that the higher volume may be harmful to your hearing.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, use noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before you hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech, or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

American Academy of Audiology

11730 Plaza American Drive, Suite 300
Reston, VA 20190

Voice: (800) 222-2336
Email: info@audiology.org

Internet:
http://www.audiology.org/Pages/default.aspx

National Institute on Deafness and Other Communication Disorders

National Institutes of Health
31 Center Drive, MSC 2320
Bethesda, MD 20892-2320

Email: nidcdinfo@nih.gov

Internet:
http://www.nidcd.nih.gov/

National Institute for Occupational Safety and Health (NIOSH)

395 E Street, S.W., Suite 9200
Patriots Plaza Building
Washington, DC 20201

Voice: 1-800-35-NIOSH
(1-800-356-4674)
1-800-CDC-INFO (1-800-232-4636)
Outside the U.S. 513-533-8328

Email: cdcinfo@cdc.gov

Internet:
http://www.cdc.gov/niosh/topics/noise/default.html

1-888-232-6348 TTY

Operating Environment

Remember to follow any special regulations in force in any area, and always switch your mobile device off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the mobile device or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

Using Your Mobile Device Near Other Electronic Devices

Most modern electronic equipment is shielded from Radio Frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless mobile device. Consult the manufacturer to discuss alternatives.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless mobile device and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the mobile device more than six (6) inches from their implantable medical device when the mobile device is turned ON;
- Should not carry the mobile device in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;
- Should turn the mobile device OFF immediately if there is any reason to suspect that interference is taking place;
- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless mobile device with an implantable medical device, consult your health care provider.

For more information see: http://www.fcc.gov/oet/rfsafety/rf-faqs.html#.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your mobile device off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle before using your mobile device in a motor vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your mobile device off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your mobile device off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion

or fire resulting in bodily injury or even death. Users are advised to switch the mobile device off while at a refueling point (service station).

Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust, or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

When your Device is Wet

Do not turn on your device if it is wet. If your device is already on, turn it off and remove the battery immediately (if the device will not turn off or you cannot remove the battery, leave it as-is). Then, dry the device with a towel and take it to a service center.

FCC Hearing Aid Compatibility (HAC) Regulations for Wireless Devices

The U.S. Federal Communications Commission (FCC) has established requirements for digital wireless mobile devices to be compatible with hearing aids and other assistive hearing devices.

When individuals employing some assistive hearing devices (hearing aids and cochlear implants) use wireless mobile devices, they may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and mobile devices also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless mobile devices to assist hearing device users find mobile devices that may be compatible with their hearing devices. Not all mobile devices have been rated. Mobile devices that are rated have the rating on their box or a label located on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not

be able to use a rated mobile device successfully. Trying out the mobile device with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Wireless mobile devices rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than mobile devices that are not labeled. M4 is the better/higher of the two ratings. M-ratings refer to enabling acoustic coupling with hearing aids that do not operate in telecoil mode.

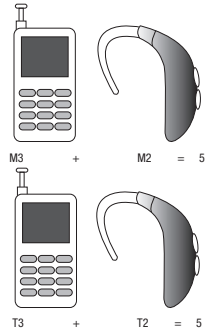
T-Ratings: Mobile devices rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than mobile devices that are not labeled. T4 is the better/higher of the two ratings. T-ratings refer to enabling inductive coupling with hearing aids operating in telecoil mode.

Hearing devices may also be rated. Your hearing aid manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise.

Under the current industry standard, American National Standards Institute (ANSI) C63.19, the hearing aid and wireless mobile device rating values are added together to indicate how usable they are together. For example, if a hearing aid meets the M2 level rating and the wireless mobile device meets the M3 level rating, the sum of the two values equals M5.

Under the standard, this should provide the hearing aid user with normal use while using the hearing aid with the particular wireless mobile device. A sum of 6 or more would indicate excellent performance.

However, these are not guarantees that all users will be satisfied. T ratings work similarly.



The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

Restricting Children's Access to Your Mobile Device

Your mobile device is not a toy. Do not allow children to play with it because they could hurt themselves and others, damage the mobile device, or make calls that increase your mobile device bill.

Keep the mobile device and all its parts and accessories out of the reach of small children.

FCC Notice and Cautions

FCC Notice

The mobile device may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the mobile device if such interference cannot be eliminated. Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association.

Cautions

Any changes or modifications to your mobile device not expressly approved in this document could void your warranty for this equipment and void your authority to operate this equipment. Only use approved batteries, antennas, and chargers. The use of any unauthorized accessories may be dangerous and void the mobile device warranty if said accessories cause damage or a defect to the mobile device.

Although your mobile device is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending, or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the mobile device or install the mobile device in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Ensure that any mobile devices or related equipment installed in your vehicle are securely mounted.
- Check regularly that all wireless mobile device equipment in your vehicle is mounted and operating properly.

- When using a headset in dry environments, static electricity can build up in the headset and cause a small quick static electrical shock. To minimize the risk of electrostatic discharge from the headset avoid using the headset in extremely dry environments or touch a grounded unpainted metal object to discharge static electricity before inserting the headset.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the mobile device, its parts, or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including installed or portable wireless equipment near or in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your mobile device off before boarding an aircraft. The use of wireless mobile devices in aircraft is illegal and may be dangerous to the aircraft's operation. Check with appropriate authorities before using any function of a mobile device while on an aircraft.
- Failure to observe these instructions may lead to the suspension or denial of cell phone services to the offender, or legal action, or both.
- While using your device, leave some lights on in the room and do not hold the screen too close to your eyes.
- Seizures or blackouts can occur when you are exposed to flashing lights while watching videos or playing games for extended periods. If you feel any discomfort, stop using the device immediately.
- Reduce risk of repetitive motion injuries. When you repetitively perform actions, such as pressing keys, drawing characters on a touch screen with your fingers, or playing games, you may experience occasional discomfort in your hands, neck, shoulders, or other parts of your body. When using your device for extended periods, hold the device with a relaxed grip, press the keys lightly, and take frequent breaks. If you continue to have discomfort during or after such use, stop use and see a physician.
- If your device has a camera flash or light, do not use the flash or light close to the eyes of people or pets. [122011]

Section 12: Warranty Information

Standard Limited Warranty

What is covered and for how long?

SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants that SAMSUNG's handsets and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase by the first consumer purchaser and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Case/Pouch/Holster	90 Days
Other Phone Accessories	1 Year

What is not covered?

This Limited Warranty is conditioned upon proper use of the Product.

This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abnormal use, abnormal conditions, improper storage, exposure to liquid, moisture, dampness, sand or dirt, neglect, or unusual physical, electrical or electromechanical stress; (b) scratches, dents and cosmetic damage, unless caused by SAMSUNG; (c) defects or damage resulting from excessive force or use of a metallic object when pressing on a touch screen; (d) equipment that has the serial number or the enhancement data code removed, defaced, damaged, altered or made illegible; (e) ordinary wear and tear; (f) defects or damage resulting from the use of Product in conjunction or connection with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (g) defects or damage resulting from improper testing, operation, maintenance, installation, service, or adjustment not furnished or approved by SAMSUNG; (h) defects or damage resulting from external causes such as collision with an object, fire, flooding, dirt, windstorm, lightning, earthquake, exposure to weather conditions, theft, blown fuse, or improper use of any electrical source; (i) defects or damage resulting from cellular signal reception

or transmission, or viruses or other software problems introduced into the Product; or (j) Product used or purchased outside the United States. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery; (ii) any of the seals on the battery are broken or show evidence of tampering; or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's obligations?

During the applicable warranty period, provided the Product is returned in accordance with the terms of this Limited Warranty, SAMSUNG will repair or replace the Product, at SAMSUNG's sole option, without charge. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product, or may replace the Product with a rebuilt, reconditioned or new Product.

Repaired/replaced cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Products will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for ninety (90) days, whichever is longer. All replaced Products, parts, components, boards and equipment shall become the property of SAMSUNG. Except to any extent expressly allowed by applicable law, transfer or assignment of this Limited Warranty is prohibited.

What must you do to obtain warranty service?

To obtain service under this Limited Warranty, you must return the Product to an authorized phone service facility in an adequate container for shipping, accompanied by the sales receipt or comparable proof of sale showing the original date of purchase, the serial number of the Product and the seller's name and address.

To obtain assistance on where to deliver the Product, please call SAMSUNG Customer Care at 1-888-987-4357. If SAMSUNG determines that any Product is not covered by this Limited Warranty, you must pay all parts, shipping, and labor charges for the repair or return of such Product.

You should keep a separate backup copy of any contents of the Product before delivering the Product to SAMSUNG for warranty service, as some or all of the contents may be deleted or reformatted during the course of warranty service.

What are the limits on SAMSUNG's liability?

THIS LIMITED WARRANTY SETS OUT THE FULL EXTENT OF SAMSUNG'S RESPONSIBILITIES, AND THE EXCLUSIVE REMEDY REGARDING THE PRODUCTS.

ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. IN NO EVENT SHALL SAMSUNG BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT OR FOR, WITHOUT LIMITATION, COMMERCIAL LOSS OF ANY SORT; LOSS OF USE, TIME, DATA, REPUTATION, OPPORTUNITY, GOODWILL, PROFITS OR SAVINGS; INCONVENIENCE; INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES; OR DAMAGES ARISING FROM THE USE OR INABILITY TO USE THE PRODUCT. SOME STATES AND JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, OR THE DISCLAIMER OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND DISCLAIMERS MAY NOT APPLY TO YOU.

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Nothing in the Product instructions or information shall be construed to create an express warranty of any kind with respect to the Products. No agent, employee, dealer, representative or reseller is authorized to modify or extend this Limited Warranty or to make binding representations or claims, whether in advertising, presentations or otherwise, on behalf of SAMSUNG regarding the Products or this Limited Warranty.

This Limited Warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

What is the procedure for resolving disputes?

ALL DISPUTES WITH SAMSUNG ARISING IN ANY WAY FROM THIS LIMITED WARRANTY OR THE SALE, CONDITION OR PERFORMANCE OF THE PRODUCTS SHALL BE RESOLVED EXCLUSIVELY THROUGH FINAL AND BINDING ARBITRATION, AND NOT BY A COURT OR JURY.

Any such dispute shall not be combined or consolidated with a dispute involving any other person's or entity's Product or claim, and specifically, without limitation of the foregoing, shall not under any circumstances proceed as part of a class action. The arbitration shall be conducted before a single arbitrator, whose award may not exceed, in form or amount, the relief allowed by the applicable law. The arbitration shall be conducted according to the American Arbitration Association (AAA) Commercial Arbitration Rules applicable to consumer disputes. This arbitration provision is entered pursuant to the Federal Arbitration Act. The laws of the State of Texas, without reference to its choice of laws principles, shall govern the interpretation of the Limited Warranty and all disputes that are subject to this arbitration provision. The arbitrator shall decide all issues of interpretation and application of this arbitration provision and the Limited Warranty.

For any arbitration in which your total damage claims, exclusive of attorney fees and expert witness fees, are $5,000.00 or less ("Small Claim"), the arbitrator may, if you prevail, award your reasonable attorney fees, expert witness fees and costs as part of any award, but may not grant SAMSUNG its attorney fees, expert witness fees or costs unless it is determined that the claim was brought in bad faith. In a Small Claim case, you shall be required to pay no more than half of the total administrative, facility and arbitrator fees, or $50.00 of such fees, whichever is less, and SAMSUNG shall pay the remainder of such fees. Administrative, facility and arbitrator fees for arbitrations in which your total damage claims, exclusive of attorney fees and expert witness fees, exceed $5,000.00 ("Large Claim") shall be determined according to AAA rules. In a Large Claim case, the arbitrator may grant to the prevailing party, or apportion among the parties, reasonable attorney fees, expert witness fees and costs. Judgment may be entered on the arbitrator's award in any court of competent jurisdiction.

This arbitration provision also applies to claims against SAMSUNG's employees, representatives and affiliates if any such claim arises from the Product's sale, condition or performance.

You may opt out of this dispute resolution procedure by providing notice to SAMSUNG no later than 30 calendar days from the date of the first consumer purchaser's purchase of the Product. To opt out, you must send notice by e-mail to optout@sta.samsung.com, with the subject line: "Arbitration Opt Out." You must include in the opt out e-mail (a) your name and address; (b) the date on which the Product was purchased; (c) the Product model name or model number; and (d) the IMEI or MEID or Serial Number, as applicable, if you have it (the IMEI or MEID or Serial Number can be found (i) on the Product box; (ii) on the Product information screen, which can be found under "Settings;" (iii) on a label on the back of the Product beneath the battery, if the battery is removable; and (iv) on the outside of the Product if the battery is not removable). Alternatively, you may opt out by calling 1-888-987-4357 no later than 30 calendar days from the date of the first consumer purchaser's purchase of the Product and providing the same information. These are the only two forms of notice that will be effective to opt out of this dispute resolution procedure. Opting out of this dispute resolution procedure will not affect the coverage of the Limited Warranty in any way, and you will continue to enjoy the benefits of the Limited Warranty.

Severability

If any portion of this Limited Warranty is held to be illegal or unenforceable, such partial illegality or unenforceability shall not affect the enforceability of the remainder of the Limited Warranty.

Precautions for Transfer and Disposal

If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

Important! Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.

Samsung Telecommunications America, LLC
1301 E. Lookout Drive
Richardson, Texas 75082
Phone: 1-800-SAMSUNG
Phone: 1-888-987-HELP (4357)

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